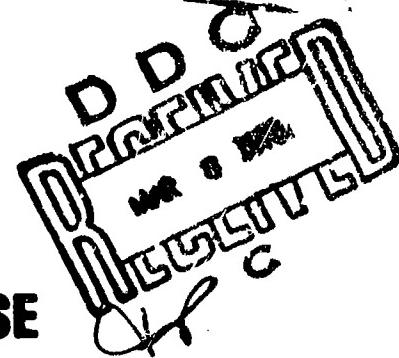


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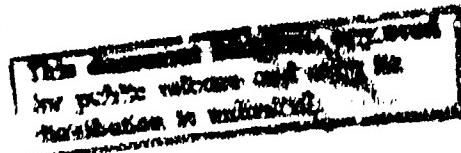
DEPARTMENT OF DEFENSE

## BASE STRUCTURE ANNEX

To

Manpower Requirements Report  
for FY 1980

JANUARY 1979



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MANPOWER, RESERVE AFFAIRS AND LOGISTICS

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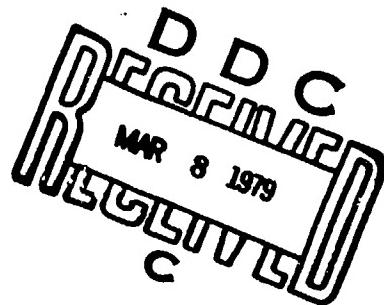
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)  This annex contains a report on the DoD base structure associated with the forces and personnel levels included in the President's Budget for FY 80. The base structure is identified by Military Service and regionally, by bases in the Fifty States, U.S. Territories and Possessions and foreign overseas areas. <i>DJ</i>		

6  
BASE STRUCTURE ANNEX

TO  
MANPOWER REQUIREMENTS REPORT  
FOR  
FY 1980.



⑨ Final rept.,

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JANUARY 1979

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1979 p.

Prepared By

Office of the Assistant Secretary of Defense  
(Manpower, Reserve Affairs and Logistics)

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## CHAPTER ONE

### INTRODUCTION

The Department of Defense is pleased to submit the third Base Structure Report to the Congress in compliance with Section 302, Public Law 94-361. This report is an Annex to the FY 1980 Defense Manpower Requirements Report (required to be submitted to the Congress each fiscal year under the provisions of Section 138(c) of Title 10, United States Code).

The report should be read and used in conjunction with the following related Department of Defense (DoD) FY 1980 reports which contain information on the DoD forces, personnel, funds, equipment and other resources needed for FY 1980 and beyond:

- Department of Defense Annual Report, Fiscal Year 1980 from the Secretary of Defense.
- The Defense Manpower Requirements Report for FY 1980.
- The Military Manpower Training Report for FY 1980.

#### I. Reporting Requirement

This report on the DoD Base Structure is required to be submitted to the Congress under the provisions of Section 302, Public Law 94-361 which states as follows:

Paragraph (3) of Section 138(c) of Title 10, United States Code (requiring submission of the annual Defense Manpower Requirements Report), is amended by adding at the end thereof a new sentence as follows: "Such report will also identify, define, and group by mission and by region the types of military bases, installations and facilities and shall provide an explanation and justification of the relationship between this base structure and the proposed military force structure together with a comprehensive identification of base operating support costs and an evaluation of possible alternatives to reduce such costs."

In addition, the report includes information on the historical trends of the base structure and data on the size and population of the installations listed in Section VI of each of the Military Service Chapters as required by Senate Armed Services Committee Report Number 95-129.

## II. Content and Organization

This Annex contains a report on the DoD base structure associated with the forces and personnel levels included in the President's Budget for FY 1980. The Annex has been prepared with the intent of providing an understanding of the scope, size and purpose of the base structure as it exists at the present time. The base structure is identified in this report by Military Service and regionally, by bases in the Fifty States, U.S. Territories and Possessions and foreign overseas areas. Listed in the report are installations and activities which can be directly related to the force levels of the Military Services. Installations have been categorized and are discussed on the basis of their primary mission. The categorization of installations is based upon a classification system developed for this report and discussed in the FY 1978 Base Structure Annex. This classification system is depicted on Tables I and II at the end of Chapter One. For the most part, Reserve Centers, Reserve Component weekend training sites and other small properties are not separately identified. Also not included are separate properties used for housing sites, navigational aids, radar sites, etc. In addition to classification of the base structure, as part of the justification and explanation of the base structure, the major unit, activity or purpose of each separately identified installation is provided.

Base operations costs for each Service, as compiled from the DoD budget process, are also identified together with an explanation of actions being taken by the Defense Department to reduce such costs. Proposed actions which affect the base structure and base operations costs are also highlighted and discussed.

The report is organized into five chapters as follows:

### Chapter One - INTRODUCTION

This chapter includes an introduction to the report, explanation of the DoD Installation Defense Planning and Programming (IDPP) Categories, the scope, size and real property investment of the entire DoD base structure, and the definition of base operations costs.

## Chapters Two to Five - MILITARY SERVICE BASE STRUCTURES

These chapters discuss in detail the relationship of the base structure to the Service force structures; the composition of base operations costs and the programmed expenditures for this area; actions taken to reduce annual base operations costs and the identification of Service installations worldwide categorized by primary mission, function, or activity of the principal installation in accordance with the IDPP Category Classification System. Chapter Two provides the information on the Army base structure, Chapter Three the Navy base structure, Chapter Four the Air Force base structure and Chapter Five the Marine Corps base structure. Each chapter contains the following Sections.

<u>Section</u>	<u>Title</u>
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operations Costs
V	Actions to Reduce Annual Base Operations Costs
VI	Service Base Structure Listing by IDPP Categories and Geographic Area

### III. DoD Base Structure

The worldwide DoD base structure for FY 1980 will accommodate an active force of 2,050,000 military and 985,000 civilian personnel and, based upon the latest available data, will consist of 5,672 separate installations and properties. These installations and properties range from the small, one-half acre of land for a navigational aid to the Army's Fort Hood, Texas, one of the largest and most heavily populated installations in the DoD inventory. Table III at the end of this chapter depicts the total DoD properties and installations by Military Department and region (U.S., US Territories and Possessions and foreign overseas areas) at the end of FY 1978.

The worldwide installations and properties under the control of the DoD at the end of FY 1978 amount to 26,704,000 acres of land of varying interests with a total original

real property investment cost of \$47.2 billion. The total acreage and real property investment by Military Department and by region are shown in Table IV at the end of Chapter One.

#### IV. Regional Classification

The DoD base structure has also been classified by region, which together with the IDPP Category Classification System and the actual location of each military base enables identification of the purpose, region and location of each principal base. The regional classification for the military base structure is based upon the location of the military base in the Fifty States, U.S. Territories and Possessions or foreign overseas areas.

#### V. Categorization of Military Installations

The four Military Services, in the following chapters, have identified and grouped their principal installations and associated important properties using the IDPP Category and regional classification systems developed for this report. Each such installation is identified by name, location of nearest city, State, county or area, and its major unit, activity or function. Within each IDPP Category grouping, the installations are listed by regional location (Fifty States, U.S. Territories and Possessions, and foreign overseas areas). A narrative explanation and justification by IDPP Category of the base structure in relation to the force levels is also presented in each of the following four Military Services Chapters. The installation listings in the Military Service Chapters have been expanded from the original report to more accurately reflect the total Department of Defense base structure. The Senate Armed Services Committee requires that information on the size and population of the installations be included. Accordingly, to meet this requirement, a ranking column is included in the listings in Section VI of each of the Military Service Chapters for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data. Two categories of population data are depicted on the listings. The total authorized full time assigned (AFTA) military and civilian personnel represent the basic installation population. Added to this population are the appropriated fund financed contractor personnel assigned to the installation, the average daily student load, if applicable, and a daily equivalent Reserve Component training load, as appropriate, to result in the "total personnel" at the installation. This latter figure more accurately reflects the installation population workload. Both the population and land area data in the listings are for the end of the latest available fiscal year.

Table VII contains a summary, by IDPP category and by regional classification, of the number of installations, activities and properties listed in Section VI of each of the Military Service Chapters. This table, as do the similar tables in the Military Service Chapters, displays the installations based upon their individual IDPP categories and regional location and not necessarily as they are included in the listings in Section VI of the Military Service Chapters. For example, an associated installation or property may have a different I "P category from the principal installation with which it is associated and/or be in a different region (i.e., a principal installation in the U.S. may have associated properties located in a U.S. Territory or Possession). A list of the abbreviations used in the listings in Section VI of the Military Service Chapters is included at the end of the Marine Corps listing.

## VI. Base Operations Costs

In 1977, the Senate Appropriations Committee directed that the DoD establish a uniform definition for base operating support functions and costs. This requirement was endorsed by the Senate and House Appropriations Conference Report on the FY 1978 Defense Appropriations Act. The uniform definition of BOS has been developed and the Military Services have used it to provide the information on base operating support costs required for this report. It should be noted that the Base Operations Costs included in the report are for all installations and properties in the real property inventory not just for those listed in Section VI of the Military Service Chapters. Table VI contains a summary of the Department of Defense base operations costs for this report reflecting the total of these costs included in each of the Military Service Chapters. The uniform definition of BOS follows:

### DEFINITION OF BASE OPERATING SUPPORT (BOS) COSTS

#### 1. Purpose

Base operating support (BOS) costs have been defined in such a way that all overhead functions which do not directly contribute to the mission accomplishment of combat units and tenants on Department of Defense (DoD) installations, activities and facilities are classed as BOS. It must be appreciated that all DoD resources ultimately contribute to the Defense mission. Nevertheless, in order to identify those functions which the Department considers to be the overhead costs of its base structure, it was necessary to make a distinction. A common definition of BOS enables the Military Departments

and Agencies to report consistent data on base operating support costs to the Secretary of Defense, the Congress, and other organizations, as required.

The uniform definition of BOS differs from the program element structure upon which the Five Year Defense Plan (FYDP), the Defense Budget and other similar documents are based. Program elements reflect the way in which the DoD organizes and manages resources, and do not lend themselves to requirements of the Congress when reviewing BOS in total. The intent of establishing a uniform definition of BOS was not to change organizational arrangements to fit the definition, but the development of new functional categories within the current DoD financial system.

The uniform definition of BOS does not differentiate between fixed, semi-variable and variable costs. Therefore, financial reports based on the definition will not indicate potential savings, for example, from base realignments. Potential savings, therefore, can be determined only through case-by-case studies of specific base realignment proposals.

## 2. Definition

The term "base operating support costs" refers to resources used at DoD installations, activities and facilities to provide services so that operational units and tenants can pursue mission objectives free of unrelated responsibilities. The services listed below are considered BOS regardless of whether they are incurred: by the installation commander; by an activity or an installation which is not part of the installation organization (medical, commissary, etc.); by a subinstallation; by a separate facility; or by activities controlled by a central authority. In addition, this definition of BOS applies regardless of whether or not the installation (or activity) commander is responsible for planning, programming, budgeting, expending and/or accounting for the costs involved in these services. In other words, these services are considered BOS regardless of what organizational entity is responsible for the funds, manpower, and equipment needed to perform the function.

The BOS services fall into four broad categories:

Facility services to maintain land, plant and equipment.

Administrative services to accomplish clerical functions and increase efficiency.

Specific services to consolidate common type functions, increase efficiency and to insure a safe and habitable work place.

Community support services to maintain morale, welfare, recreation and to provide programs associated with military life and required by law.

The resources include expenses for both military and civilian manpower and both direct and reimbursable appropriated funds (regardless of source), but exclude nonappropriated expenses which are not a cost to the Government Appropriations/funds which pay for recurring costs are operation and maintenance, military personnel (active, Reserve and Guard), RDT&E, family housing, industrial funds and installation schools. Nonrecurring costs for facilities and equipment to perform base operating support functions are generally funded by military construction and procurement appropriations. The definition includes all family housing costs but excludes BAQ payments. Future refinements of the definition may consider changes such as these payments.

### 3. BOS Functional Categories

Each category of BOS service includes the following functional costs:

#### Facility Services:

Maintenance and Repair of all Real Property

- Buildings
- Other Facilities
- Pavements (roads, parking areas, etc.)
- Land (grounds)
- R.F. Trackage

Minor Construction (with other than military construction funds).

Operation of Utilities for all Real Property.

Other Engineering Support (excludes rentals, fire protection).

- Custodial Services
- Entomology Services
- Refuse Collection and Disposal
- Snow Removal and Ice Alleviation

Rental of all Real Property except payments for GSA controlled space (includes cost of lease and all utilities and services).

Standard Level User Charges (SLUC) paid for GSA controlled space.

Special user service charges paid for GSA controlled space (includes annual recurring and one time costs for alterations of space).

Land Management.

Support Groups/Units Assigned to these functions.\*

Related Investment.\*\*

Administrative Services:

Installation Headquarters Administration and Command (including squadron level responsible for Base Operations)

Installation Comptroller

- Accounting and finance
- Budget
- Management analysis/engineering
- Internal review

Installation ADP services

Installation Public Information Activities

Installation Legal

Installation Civilian Personnel Administration

Installation Military Personnel Administration

Installation Printing and Reproduction

Installation Safety

Installation Engineering Service

Related Investment\*\*

Support Groups/Units assigned to these functions\*

Specific Services:

Installation Audio/Visual

Installation Supply Operations (retail only)

Installation Transportation Activities

Installation Procurement Operations

Installation Training (excludes troop training and tactical exercises)

Fire Protection and Prevention

Installation Physical Security and Police Activities

Installation Communications

Laundry and Dry Cleaning (for troop support and other appropriated fund activities)  
Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.)  
Installation Storage Activities  
Maintenance of Installation Materiel (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft)  
Support Group/Units Assigned to these functions\*  
Related Investment\*\*

Community Support Services (includes only appropriated fund support)

Operation of Medical Clinics and Dispensaries (excludes regional hospitals)  
Operation of Dental Clinics (excludes regional clinics)  
Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provision, care, preservation and maintenance of furnishings, etc.)  
Retail Commissary Operations  
Operations of Troop Issue Commissary for Subsistence  
Installation Food Services  
Family Housing (FHMA account less reimbursables for other services/facilities already included, i.e., utilities, maintenance and repair of facilities, etc.)  
Appropriated Fund Support for Installation Dependent School Operations in U.S.  
Morale, Welfare and Recreation Activities

- Clubs
- Messes
- Libraries
- Sports Activities and Operation of Recreational Facilities
- Craft Shops
- Radio
- Television
- Newspapers

Social Action Programs  
Community Service Activities  
Chaplain Activities  
Bands  
Support Groups/Units assigned to these functions\*  
Related Investment\*\*

\*Also includes resources used by groups/units assigned to specific BOS tasks on an ad hoc basis such as engineer/Red Horse/SeaBee units assigned to repair/construction facilities, roads, parking areas; etc., even if the work is classified a military unit training project.

\*\*Investment costs include the total authorized construction program for each fiscal year, as well as expansion, extension, and renovation of facilities with military construction funds. Investment also includes the costs to procure equipment needed to perform the functions in each category of service.

## VII. Conclusion

In conclusion, the base structure is a dynamic element of the DoD force posture and has evolved over time to its present composition and size. Changing forces, wartime scenarios, resource availability, technology and many other factors influence its size and composition. In addition, the DoD constantly undertakes reviews to improve the management and efficiency of the base structure. In all these actions, DoD has the objective of establishing the most effective, efficient and economic base structure to meet current and projected peacetime, contingency and mobilization requirements. Table V at the end of this chapter depicts the summary of the announced base realignment actions taken by the DoD since 1969 towards this objective.

**TABLE I**  
**DEPARTMENT OF DEFENSE BASE STRUCTURE ANNEX**  
**INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORY CLASSIFICATION**

DEFENSE PLANNING AND PROGRAMMING CATEGORIES	EQUIPMENT PROGRAMS						O-4 ADMIN & ASSOCIATES	N SPY OF OTHER NATIONS
	O-1 STAFFING	O-1 CIVILIAN PERSONNEL	O-1 INTELLIGENCE & COMINT	O-1 ARMED/ SECURITY	O-1 RESEARCH & DEVELOP	O-1 CENTRAL SUPPLY & MAINT		
GENERAL SUPPORT SERVICES 1	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT COMINT SUPPORT					GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT	
GENERAL SUPPORT SERVICES 2						TACTICAL AIR FORCE STRATEGIC AIR FORCE SEAL TEAM TRAILER TRAILER	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES
GENERAL SUPPORT SERVICES 3						INTELLIGENCE & COMINT COMMUNICATIONS LOGISTICS	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES
GENERAL SUPPORT SERVICES 4	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT LOGISTICS					GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES
GENERAL SUPPORT SERVICES 5						GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES
GENERAL SUPPORT SERVICES 6	GENERAL SUPPORT SERVICES					GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT	GENERAL SUPPORT SERVICES INTELLIGENCE & COMINT INTELLIGENCE & COMINT INTELLIGENCE & COMINT GENERAL SUPPORT SERVICES

DEFENSE SUPPORT GROUPS

TABLE II  
INSTALLATION DEFENSE PLANNING  
AND PROGRAMMING (IDPP) CATEGORIES

<u>IDPP</u>	<u>CATEGORY</u>
101	Strategic Forces - Strategic
103	Strategic Forces - Intelligence and Communications
105	Strategic Forces - Guard and Reserve
106	Strategic Forces - Research and Development
202	General Purpose Forces - General Purpose
203	General Purpose Forces - Intelligence and Communications
204	General Purpose Forces - Airlift/Sealift Forces
205	General Purpose Forces - Guard and Reserve
206	General Purpose Forces - Research and Development
303	Auxiliary Forces - Intelligence and Communications
305	Auxiliary Forces - Guard and Reserve
306	Auxiliary Forces - Research and Development
307	Auxiliary Forces - Central Supply and Maintenance (Eastern Test Range)
401	Mission Support Forces - Strategic
402	Mission Support Forces - General Purpose
403	Mission Support Forces - Intelligence and Communications
404	Mission Support Forces - Airlift/Sealift Forces
405	Mission Support Forces - Guard and Reserve
502	Central Support Forces - General Purpose
503	Central Support Forces - Intelligence and Communications
505	Central Support Forces - Reserve and Guard
506	Central Support Forces - Research and Development
507	Central Support Forces - Central Supply and Maintenance
508	Central Support Forces - Training, Medical and Other Personnel)
509	Central Support Forces - Administration and Associated Activities
601	Individuals - Strategic
602	Individuals - General Purpose
603	Individuals - Intelligence and Communications
604	Individuals - Airlift/Sealift Forces
605	Individuals - Guard and Reserves
608	Individuals - Training, Medical and Other Personnel

TABLE III

DEPARTMENT OF DEFENSE  
 MILITARY PROPERTY SUMMARY  
 30 SEPTEMBER 1976

	<u>FIFTY STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN OVERSEAS AREAS</u>	<u>TOTAL</u>
ARMY	1,301 2/	31	922	2,254
NAVY 1/	616	23	60	699
AIR FORCE	<u>2,136</u>	<u>26</u>	<u>557</u>	<u>2,719</u>
TOTAL	4,053	80	1,539	5,672

1/ Includes Marine Corps  
 2/ Includes those properties in the inventory declared excess.

TABLE 2  
DEPARTMENT OF DEFENSE  
REAL PROPERTY HOLDINGS  
30 SEPTEMBER 1978  
(MILLIONS OF ACRES)

	<u>FIFTY STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN OVERSEAS AREAS</u>	<u>TOTAL</u>
ARMY	11.703	.162	.430	12.295
NAVY <u>1/</u>	3.330	.075	.252	3.657
AIR FORCE	<u>9.234</u>	<u>.042</u>	<u>1.476</u>	<u>10.752</u>
TOTAL	24.267	.279	2.158	26.704

REAL PROPERTY INVESTMENT  
30 SEPTEMBER 1978  
( \$ MILLIONS )

ARMY	\$13,612	\$ 436	\$ 679	\$14,727
NAVY <u>1/</u>	11,799	826	1,456	14,081
AIR FORCE	<u>15,517</u>	<u>473</u>	<u>2,377</u>	<u>18,367</u>
TOTAL	40,928	\$1,735	\$4,512	\$47,175

1/ Includes Marine Corps

TABLE V  
 SUMMARY OF ANNOUNCED INSTALLATION AND ACTIVITY  
 REALIGNMENT AND CLOSURE ACTIONS (EXCLUDING SVN AND THAILAND)  
 JANUARY 1969 Thru DECEMBER 1978

FIFTY STATES AND PUERTO RICO

SERVICE	NO. OF ACTIONS	POSITIONS ELIMINATED		ANNUAL SAVINGS (\$ MIL)
		MIL	CIV	
ARMY	917	75,652	74,816	1,505.2
NAVY	1,316	146,997	70,780	1,580.9
AIR FORCE	873	93,786	44,347	1,502.7
DEFENSE	180	2,065	10,280	114.3
TOTAL	3,286	318,500	200,223	4,703.1

OVERSEAS

ARMY	151	29,220	29,097	476.2
NAVY	146	5,140	14,594	90.5
AIR FORCE	86	29,489	8,053	309.8
DEFENSE	10	62	4	0.6
TOTAL	393	63,911	51,748	877.1

WORLDWIDE

ARMY	1,068	104,872	103,913	1,981.4
NAVY	1,462	152,137	85,374	1,671.4
AIR FORCE	959	123,275	52,400	1,812.5
DEFENSE	190	2,127	10,264	114.9
TOTAL	3,679	382,411	251,971	5,580.2

TABLE VI

SUMMARY OF MAJOR DEFENSE PROGRAMS  
BASE OPERATIONS COSTS (\$ Millions)  
DEPARTMENT OF DEFENSE

MAJOR DEFENSE PROGRAMS	FIFTY STATES	US TERRITORIES AND POSSESSIONS	FOREIGN OVERSEAS AREAS	TOTAL
Strategic (01)	1,416.8	37.0	80.0	1,533.8
General Purpose (02)	3,433.7	147.4	3,238.5	6,819.6
Intelligence & Communications (03)	230.5	12.7	137.9	381.1
Air/Sealift (04)	506.0	-	51.0	557.0
Guard & Reserve (05)	547.9	-	-	547.9
Research & Development (06)	598.1	-	2.4	600.5
Central Supply & Maintenance (07)	1,500.6	6.6	47.3	1,554.5
Training, Medical & Other Personnel (08)	2,914.2	24.1	348.3	3,286.6
Administration & Association (09)	296.2	-	30.0	326.2
Support of Other Nations (10)	-	-	-	-
<b>TOTALS</b>	<b>11,444.0</b>	<b>227.8</b>	<b>3,935.4</b>	<b>15,607.2</b>

TABLE VII

## SUMMARY OF NUMBER OF DEPARTMENT OF DEFENSE INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (EDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC FORCES				
- Strategic (101)	67	1		68
- Intell. & Comm. (103)	1			1
- Guard & Reserve (105)	8			8
- Research & Develop. (106)	7	6		13
GENERAL PURPOSE FORCES				
- General Purpose (202)	130	13	198	341
- Airlift/Sealift (204)	22	6	6	28
- Guard Reserve (205)	148	2	150	
AUXILIARY FORCES				
- Intell. & Comm. (303)	31	5	21	57
- Research & Develop. (306)	74	1	1	76
- Central Supply & Maint. (307)	2			2
MISSION SUPPORT FORCES				
- Strategic (401)	2			2
- General Purpose (402)	45	5	22	72
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	166	5	26	197
- Training, Medical & Other Personnel (508)	146	1	14	161
- Administration (509)		1		1
TOTAL DOD	850	39	268	1177

## CHAPTER TWO

### ARMY BASE STRUCTURE

#### I. INTRODUCTION

The Army Base Structure Chapter to the Manpower Requirements Report for FY 1980 is submitted in compliance with Section 302, PL 94-361, as amended by Senate Armed Services Committee Report No. 95-129. This chapter is comprised of five basic sections. Section I, Introduction. Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors which have influenced the Army's base structure from World War II to the current date, and details the criteria expected to apply to installation planning for the next 20 years. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPPC) to the current base structure. Major changes to the FY 1980 base structure are also described. Section IV gives a breakdown of projected Army Base Operations Costs (BOC) for FY 1980. Section V summarizes recent major actions taken to reduce BOC and outlines criteria which would apply to such actions in the future.

It should be noted that many large installations have multiple missions and that primary missions shown in Section VI are not necessarily all-inclusive. For instance, Fort Belvoir, Virginia, in addition to being the site of the US Army Engineer Center and School, also has the Defense Systems Management College, US Army Mobility Equipment Research and Development Command, US Army Night Vision Laboratory, and US Army Topographic Laboratory as major tenants. Similarly, Fort Knox, Kentucky, supports the Armor School, an Army Training Center, and a major combat unit.

Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

## II. BASE STRUCTURE OVERVIEW

Army missions involve the accomplishment of a wide variety of functions requiring both general and specialized accommodations. The facilities required to support the Army vary from administrative office space to laboratories, to production plants, to proving grounds, to supply and maintenance depots, to troop installations with tens of thousands of acres of firing ranges, impact areas, and training/maneuver areas.

The Army's base structure since the end of World War II has undergone constant change as the force structure has expanded and contracted and technological advances have created longer-ranged, more powerful weapons, with their concomitant changes in organization and tactics. The logistics base structure has also undergone change as improvements in storage, distribution, maintenance, and transportation systems have permitted reduction in the total number of depot activities; while greater reliance on the private sector for supplies and equipment has resulted in a reduction of the number of industrial type facilities.

At the end of FY 1968, the Army had a total of 1,499 real property holdings in the United States ranging from small radio transmitter sites and US Army Reserve Centers with less than 5 acres of land area to large multi-mission installations with several hundred thousand acres of land area. These holdings were required to be maintained for support of an active Army military strength of about 1.6 million (of which about 1.0 million were stationed in the United States) and a Reserve Component military strength of about 0.7 million. At the end of FY 1978 the downward trend in base structure had decreased to 1,249 real property holdings (excluding those holdings still on Army property books that have been reported as excess to military requirements). Military strength had decreased to about 0.8 million active Army personnel (of which about 0.5 million were stationed in the United States) and a Reserve Component military strength of about 0.6 million.

This downward trend in base structure has been characterized by a relatively constant reduction in Army installations over the years and a balanced decrease in training and headquarters, depot and industrial type installations.

Some installation requirements are relatively fixed because they support more stable missions such as service schools, research and development activities, materiel testing, and specialized depot activities. Missions at these installations may be modified due to technological changes; however, the need for the installations and the continuing modernization of their physical plants remains. On the other hand, the Army has other missions which are subject to larger variations and which, at one time, may generate additional requirements, and, at another time, reduce requirements for active installations. Examples are training centers for initial entry training, aviation training facilities, production facilities, administrative space to support specialized activities, and troop unit installations.

The installation structure today is considerably smaller than that which existed prior to the Vietnam War. For the most part, the Vietnam build-up was supported by expansion of facilities at existing active installations, use of the same installation by more than one deploying unit, backfill of installations vacated by deploying units with other activities, and two shift operations.

The Army is basically tied to its existing installations to support its current and projected force structure levels. The land area acquired prior to, during, and after World War II, coupled with the substantial investment in permanent facilities over the past 30 years, has resulted in a considerable physical plant.

The base structure of the Army today is constantly being reviewed with the objective of optimizing it. Section V lists several installations under consideration for reduction or closure. At the same time, the possibility exists of future redeployment of overseas forces back to the continental United States (CONUS). Accordingly, some flexibility must be maintained to accommodate this possibility.

Under present conditions, there is an apparent shortage of training/maneuver area at several of our Army division installations to satisfy present-day training requirements. There are installations where firing of the main tank guns, artillery weapons, and aircraft flight corridors have caused communities to complain because of noise and air pollution. There are installations where the cantonment areas are bounded on two and three sides by developing communities and perimeters are exposed to residential and/or commercial/industrial

encroachment. There will be population growth and shift over the next 20 years which could hamper installation major expansion programs. Based on these factors, realignment or expansion of the present training/maneuver area may be impaired or precluded in the future.

The following factors will govern Army installation planning for the next 20 years:

1. The concentration of US population is projected to shift toward the southern and western states. Army bases in these areas generally offer the largest areas for training, are most suited for rapid expansion by temporary facilities, and up to now were in the less populated areas of CONUS. The presence and particularly the expansion of Army bases spawn corresponding increases in civilian communities immediately adjacent to the installations. Modern military weapons systems are characterized by longer range, greater lethality, increased support requirements, and higher mobility. These characteristics require larger areas or training/maneuver and firing ranges which, in turn, lead to the following general conclusions:

a. The establishment of a military installation is usually in a relatively open area; but the act of establishing attracts people, building, business, and this, in time, restricts expansion.

b. The smaller bases, constrained in growth, will become increasingly less usable for testing, training, and firing purposes, and hence probably relegated to administrative, logistical, headquarters-type activities and less demanding functions in terms of space requirements.

c. Current Army bases in the southern states, as compared with those in the northern states, will become relatively more valuable and more restricted in expansion with time.

d. In light of land scarcity and real estate values, future land requirements must be identified and the rights acquired as soon as possible.

2. Commercial pressures on military installations are varied. As values of land increase, commercial interests increase pressures for acquisition of installation property. On the other hand, as installations seek to reduce or close operations, various pressures argue

for the status quo. Commercial interests seek advantages from the post in construction, grazing rights, consenses' operating rights, employment and off-post business; at the same time, many oppose traditional military services and facilities which may compete with private business.

3. While a form of national consensus exists in favor of Defense economy and efficiency, a concrete Army proposal for a base reduction or closure in the interest of economy and efficiency is almost certain to meet considerable protest from local interests expressed through their elected representatives at all levels. This is primarily inspired by fears of adverse impact on the local economy, although other issues are also raised. A significant issue raised during these exchanges in recent years is the concept of a regional entitlement to at least some Defense presence. While proponents of this concept have some good points, Defense is not a regionally oriented activity and cannot be considered as such.

4. In addition to environmental related pressures, such as encroachment on wildlife sanctuaries and meeting the same water and air pollution standards as other activities, military installations by their activity have peculiar environmental related pressures. By virtue of normal training, noise, air pollution, water pollution, and wildlife concerns are common to Army bases. Massive vehicles, gun fire, cross-country and round-the-clock maneuvers, and dangerous materials all contribute to these problems.

5. Our major installations are experiencing severe encroachment pressures because of the ever-increasing need for land by the surrounding communities. These pressures are not new but their frequency and momentum are on the rise. The demand for land for residential and industrial purposes is resulting in military installations, originally constructed in rural areas, now finding themselves completely surrounded by civilian activities, which are in some cases incompatible with ongoing military operations. When this happens, the installation, although desirable because of the income it provides, frequently becomes of secondary importance to the community. The income received from the installation also becomes less important as the land values increase to the point where more revenues are realized by civilian development than from the installations. Foreseen in the future is an increasing demand for land in the urban and suburban areas to support civilian needs, thus causing

land values to appreciate. This demand will further increase encroachment problems for the military and increase the demand for private use of Federal land under military control.

Emphasis must be placed on continued improvement of planning toward the future organization, physical structure, modernization, and location of Army installations and activities. These considerations will undoubtedly entail significantly increased costs in both the planning and implementation phases of these actions. Because of various types of contamination at a number of Army installations, such as unexploded ammunition and the exceptionally high cost of cleanup, the Army is in large measure compelled to retain these installations for the foreseeable future. The continuing decrease of undeveloped land demands sophisticated planning both for acquisition and release of Army property.

The preceding broad factors are, in the main, oriented toward retention and/or expansion of the existing Army base structure overall. In the event adjustments are required within the existing structure, due to major force structure changes, mission changes, budget limitations, or other factors, the following specific criteria would, in varying degrees, be applied to future realignment actions..

1. MISSION REQUIREMENTS. The stated or postulated mission requirements of specific activities within the context of the entire force structure should be the principal factors which drive choices between stationing alternatives. They are the baseline against which all other factors must be weighed.

2. BUDGET/MANPOWER CONSTRAINTS. These inseparably related factors are the principal limitation to attaining and maintaining a particular base structure at all levels. They can influence decisions on retention of individual structures or retention of entire installations.

3. COST SAVINGS. A major objective of the Army is to accomplish the assigned mission at the least cost. Where otherwise comparable alternatives exist, the true "least cost," both in terms of dollars and manpower, must be selected. Typically, an installation closure will not produce total savings of its annual base operations costs, as continuing activities will have to be accommodated elsewhere, in-house, or by other means, such as by contract.

4. PERSONNEL TURBULENCE. The adverse impact of military and civilian personnel turbulence must be given consideration because of both the high costs and the adverse effect on morale and productivity.

5. CIVILIAN LABOR MARKET. Many Army missions involve utilization of a highly specialized and unique civilian work force. Many of these people establish deep roots in the local community and are reluctant to dislocate with the transfer of the functions they perform. The lack of an appropriate labor market thus becomes a factor in evaluating proposed realignment actions.

6. FACILITIES/HOUSING AVAILABILITY. Maximum utilization of existing facilities with minimum expenditures for new facilities is a major goal in all realignment actions. This includes both mission-related facilities and support facilities on post, and housing both on post and off post. Large capital investments for replacement facilities militate against relocation of activities which require highly specialized, high-cost facilities, or, in the case of major combat units, large land areas.

7. CAPITAL INVESTED. This factor is the converse of the preceding factor. Having made a large capital investment in facilities at a particular installation, the Army tends to be tied to that installation for the duration of the useful life of the facilities.

8. GEOGRAPHICAL LOCATION. The geographic location influences the ability of assigned forces to execute their mission. Weather, terrain, proximity to air and surface transportation, etc., all contribute to retention of installations which enhance operational effectiveness. Likewise, selection of new installations for stationing must take all of these geographically related factors into account.

9. LAND AREA. The need for adequate and suitable land area to support major combat units and their supporting forces is a major consideration. Bases must be capable of supporting the readiness and deployment of the assigned forces as envisioned in the United States strategy. This requirement often determines which bases will be retained in the active inventory. Where mission compatibility can be achieved, the consolidation of activities at large, multi-mission bases takes precedence over utilization of small, single-mission bases.

10. IMPACT ON OTHER SERVICES/AGENCIES. The Army provides support to many units and activities of the Department of Defense, the other Services, and other Federal agencies. Inherent in any base realignment action is consideration of the impact on those agencies. The personnel turbulence and costs associated with relocating or supporting these type activities are an integral part of any analysis conducted.

11. COMMUNITY IMPACT. Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. Of particular importance is family housing. Areas which have residual capability to adequately house families negate the cost of providing government housing and facilitate rapid completion of the proposed action. Adequate support should exist on or off a gaining installation to avoid a realignment action being counter-productive in terms of morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is important. Conversely, realignment actions, which reduce the Army presence in an area, seriously impact on communities, particularly those in which the major source of economic base is the military installation. When possible, realignment actions are designed to minimize the impact on local communities. Where appropriate, assistance will be provided to local community leaders in their negotiations with the Office of Economic Adjustment, Department of Defense, whose function is to assist communities in reestablishment of an economic base where reduction in Defense expenditures has been severe.

12. ENVIRONMENTAL IMPACT. All actions must be assessed to determine their impact on the environment. Base realignment options must have an initial assessment during the preliminary planning. If significant environmental impact is indicated at either a gaining or losing base, then an environmental impact statement must be prepared in accordance with the National Environmental Policy Act of 1969.

13. RESERVE COMPONENTS SUPPORT. The increased emphasis on utilization of Reserve Component forces to meet future contingency requirements must be considered. Reserve units are generally constituted in areas where there are population resources. Their readiness depends upon availability of adequate local ranges and local training areas. This requires that the range facilities

and training areas not only be of the proper size and configuration, but also that they be within reasonable commuting distance. Readiness is adversely affected by increased commuting time and corresponding decreased training time availability. Concomitantly, personnel job satisfaction is lowered and personnel recruiting and retention rates decreased. Many of our bases, both active and inactive, are used extensively for support of these units, both for weekend training and annual summer training. The impact on these type units is an integral part of any analysis conducted.

14. MOBILIZATION AND CONTINGENCY REQUIREMENTS. The type and number of bases required are determined by the need to be capable of supporting the strategy directed by national policy, the operational and training requirements of the Army, and the retention of sufficient flexibility to support unprogramed increases in troop strengths. Coupled with this is the uncertainty as to when a base might be needed again. The costs of inactivating and reactivating a base can offset savings derived from its closure.

15. ENCROACHMENT. Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued operations have been threatened through urban expansion. Civilian aviation activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation. It is also possible that major weapons changes may bring about encroachment "from within." For example, ranges now adequate for artillery firing may become too small for artillery weapons which may be introduced in the future. However, where encroachment has become a problem, its impact is considered during development of base realignment actions.

16. LONG-RANGE PLANS. Since the future forces cannot be predicted with certainty and are subject to unprogramed changes, flexibility to accommodate these changes within the base structure should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogramed force changes might occur and determining how the various options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a

subjective consideration. Realignment alternatives will be weighed in terms of their potential to meet unprogrammed force changes.

The overseas base structure is driven by Army forward deployments and these forward deployments are, in turn, driven by National policy. For these reasons, the above discussion is limited to the base structure in the United States.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

In common with the Marines, but differing from the Air Force, the Army's major combat mission elements use their portion of the base structure only for training, quartering of personnel, and maintenance of equipment in preparation for the combat mission. They do not normally fight the war from fixed installations as would units of the Strategic Air Command.

Overseas deployed units should be located in close proximity to the area of their anticipated wartime mission. The precise locations, however, are determined by what the host government can and will make available.

The stationing of divisions and other major tactical units is given priority consideration based on such critical factors as the presence of adequate maneuver space and ranges, the availability of housing and support, and restricting environmental impacts. Since stationing choices were of necessity made from existing installations originally acquired to meet less demanding conditions, these stations involve in all cases some compromise of ideal conditions. As noted in Section II, divisions are presently "outgrowing" their installation confines. For those divisions having prepositioned unit equipment in overseas theaters, precise location in CONUS vis-a-vis the primary wartime mission is no longer a major consideration. Strategic airlift can move personnel and their individual equipment east or west with minimal significant time differential. For units scheduled to move by surface transport with full equipment later in a particular deployment scenario, location within the CONUS is still a consideration.

The CONUS logistics base structure, to include installations with research and development as primary missions, is also largely evolutionary. It is what remains of World War II mobilization, created at widely dispersed locations with considerable redundancy, in anticipation of enemy attack against the homeland. Much rationalized and modernized, it is serviceable and capable of performing its mission of supporting deployed forces.

#### STRATEGIC FORCES (100)

Base Requirements.

The basing of strategic forces is confined primarily to communications type activities which are normally sateilled or installations for logistical support.

**Major Force Structure Changes and Their Impact on Base Structure:**

No major changes in force structure are forecast during FY 1980.

**GENERAL PURPOSE FORCES (200)**

**Base Requirements:**

The Army must train the way it will fight. The battalion task force, the minimum training module, must regularly practice offensive and defensive tactics deployed on frontages and depths comparable to those expected in wartime. When battalions have demonstrated critical task proficiency, brigade exercises should be conducted so as to bring into play the full range of fire support, operations, and logistical contingencies. Brigade exercises should occur as often as deemed necessary and include conduct of live-fire exercises in which the full range of fire support, mobility, and electronic warfare is brought to bear. Division commanders should deploy critical elements of their commands within a realistic battlefield environment in order to exercise an appropriate range of combined arms operations in a joint setting over reasonable frontages and depths.

Each division/brigade installation should have access to an area capable of supporting at least brigade exercises, battalion-level Army Training and Evaluation Programs (ARTEP), and live fire for at least battalion-sized elements. Since some installations do not have access to such training areas, the Army is considering expanding certain bases with critical training area shortfalls. Equally important, the area should permit opposing force exercises in which ground forces would be pitted against an "enemy."

Units without prepositioned equipment overseas should be located at intallations in proximity of the port of embarkation (sea and air) from which they are most likely to deploy in order that they can respond quickly to early deployment requirements. Units should also be stationed in proximity to the coasts and borders of the Nation to be in a position to counter threats to CONUS yet they must have sufficient land to train and

fire their weapons. They should not be stationed near heavily populated areas, industrial complexes, or other strategic targets. The surrounding area should offer sufficient space for dispersal to ensure that the unit itself does not present a lucrative military target and is afforded a reasonable degree of survivability, and training areas should provide the force with a wide array of climatological and topographical features in which to train and which represent a cross-section of the world's environments.

Active installations should be located so as to readily accommodate Reserve Component (RC) units in the event of mobilization without necessitating excessive movement and delay from home station to mobilization station. Implicit also in the mobilization stationing requirement is the necessity for providing RC units with annual training and inactive duty training sites.

In the Continental United States, the major active combat units are: 10 divisions (includes three divisions with two active brigades and one ARNG roundout brigade), two separate brigades, an air cavalry combat brigade, and an armored cavalry regiment. The units are structured for a variety of environments and missions. The goal is to maintain a force which is available for rapid commitment.

In Europe, four divisions, four brigades, and two armored cavalry regiments retain the high level of readiness necessary to permit an immediate response to any aggression against the NATO alliance.

In the Pacific, the division in Hawaii and elements of the division remaining in the Republic of Korea (with its Korean augmentation) are ready to perform their assigned combat mission. Withdrawal of a portion of the division in Korea, which started in FY 79, continues in FY 80 and subsequent years.

In the Panama Canal Zone and Alaska, the Army has deployed one brigade in each area to provide a ready response to any contingency which might arise in those areas.

All eight Army National Guard divisions, 18 combat brigades (three of which round out the three active divisions), one training brigade, and four armored cavalry regiments are located in the Continental United States. Additionally, one combat brigade is located in Hawaii (roundout for the Hawaiian active division) and one combat brigade is located in Puerto Rico. The Army Reserve

has three combat brigades in the United States. Both the Army National Guard and the Army Reserve major combat units provide the Total Army a substantial combat force. The following depicts stationing of Active and Reserve Component divisions:

<u>Active Divisions</u>	<u>Location</u>
1st Infantry (Mechanized) 2/	Fort Riley, Kansas
2d Infantry 1/	Camp Casey, Korea
3rd Infantry (Mechanized)	Wurzburg, Germany
4th Infantry (Mechanized)	Fort Carson, Colorado
5th Infantry (Mechanized) 3/	Fort Polk, Louisiana
7th Infantry 3/	Fort Ord, California
8th Infantry (Mechanized)	Bad Kreuznach, Germany
9th Infantry	Fort Lewis, Washington
24th Infantry (Mechanized) 3/	Fort Stewart, Georgia
25th Infantry 3/	Schofield Barracks, Hawaii
1st Cavalry 2/	Fort Hood, Texas
1st Armored	Ansbach, Germany
2d Armored 2/	Fort Hood, Texas
3rd Armored	Frankfurt, Germany
82d Airborne	Fort Bragg, North Carolina
101st Airborne (Air Assault)	Fort Campbell, Kentucky

<u>Army National Guard Divisions</u>	<u>Location 4/</u>
26th Infantry	Massachusetts/Connecticut
28th Infantry	Pennsylvania
38th Infantry	Indiana/Michigan
40th Infantry (Mechanized)	California
42d Infantry	New York
47th Infantry	Minnesota/Iowa/Illinois
49th Armored	Texas
50th Armored	New Jersey/Vermont

Nondivisional combat general purpose forces are distributed throughout the base structure with emphasis on providing balanced forces at the major combat unit installations.

The Army must also maintain semi-active installations, which are required primarily for the support of training of Reserve Components and for mobilization. In addition, there are state-owned/leased installations which are required for support of weekend and annual

- 1/ One brigade located in CONUS.
- 2/ One brigade deployed forward.
- 3/ Roundout division.
- 4/ First state listed is division headquarters.

training and mobilization. Active component installations also perform these functions but are not adequate to satisfy the total requirement. The Army cannot fulfill full mobilization requirements in the timeframe envisioned under current strategy unless these installations are maintained. Access to additional acreage for maneuver purposes will be essential to the extensive training required to make the mobilized force fully combat ready.

Terminal and outport facilities function under the Military Traffic Management Command (MTMC), which has area command headquarters at Bayonne, New Jersey and Oakland, California. The area command headquarters each commands a military ocean terminal for general cargo at their respective locations and military outports at various commercial ports. The DoD transportation mission is accomplished almost exclusively by utilizing commercial resources. The military ocean terminals, which are shared with industry during peacetime, will be returned to military use when needed. Hazards involved in moving ammunition require that separate government-owned terminals be maintained.

#### Major Force Structure Changes and Their Impact on Base Structure:

The withdrawal of the division from Korea, which started in FY 1979, will reduce the foreign base structure requirements. Stationing of the division in the United States is not expected to increase the overall domestic base structure. In addition, plans to convert to heavy divisions and to activate additional mechanized and armor maneuver elements, when approved, will require expansion of facilities at installations in the US but are not expected to increase the base structure overall.

Ongoing realignment studies could impact on Fort MacArthur, California; Fort Indiantown Gap, Pennsylvania; Oakland Army Base, California; and Bayonne Military Ocean Terminal, New Jersey. In addition, while still shown under the Army in this report, the Military Ocean Terminal, King's Bay, Georgia, will be transferred in the future to the Navy for use as a submarine base.

Implementation of the provisions of the Panama Canal Treaty will result in dislocation of some Army activities from their present locations to other sites within Panama. This will require renovation of existing facilities and/or new construction but will not significantly impact on the base structure overall during FY 1980.

If announced plan for the establishment of a National Training Center is approved, Fort Irwin has been selected as the Army's preferred site. Fort Irwin is now a semi-active installation under control of California National Guard; if approved as the location for the NTC, it will revert to Active Army control and become a fully active installation.

#### AUXILIARY FORCES (300)

##### Basing Requirements:

Research, development, testing, and evaluation of Army materiel, weapons, and support systems are accomplished primarily by the US Army Materiel Development and Readiness Command (DARCOM). To accomplish its mission, DARCOM requires extensive complexes of test facilities for ammunition and missiles; laboratories and other research facilities; as well as facilities for other materiel and administration of test programs.

The US Army Communications Command (USACC) provides Army-wide non-tactical communications and air traffic control support. To provide base communications support, USACC requires tenant facilities at most installations. Additionally, installations are used by USACC to accomplish support of the Defense Communications System and Army Command and Control requirements.

##### **Major Force Structure Changes and Their Impact on Base Structure:**

Ongoing realignment studies could impact on Arlington Hall Station, Virginia; Vint Hill Farms Station, Virginia; Dugway Proving Ground, Utah; and possibly Letterman Army Institute of Research (located at Presidio of San Francisco) as the result of other studies affecting the Presidio of San Francisco and Letterman Army Medical Center.

#### MISSION SUPPORT FORCES (400)

##### Basing Requirements:

To provide adequate command, control, and management of Army resources, it is essential that necessary administrative space be available. These installations serve as homes for major command headquarters, for units engaged in supervising Reserve Component training and readiness, and for unique specialized functions. They require a highly sophisticated work force, not normally

found at remote locations, and rapid modes of close-in transportation. While not contributing directly to the "tooth" side of the Army, they are an integral part of the "tail" and significantly contribute to the attainment of a combat-ready Army.

**Major Force Structure Changes and Their Impact on Base Structures:**

An ongoing realignment study which could impact on the Presidio of San Francisco, California.

**CENTRAL SUPPORT FORCES (500)**

**Basing Requirements:**

Since 1813, arsenals have been the continuing centers for the preservation of unique skills required for the defense of the United States. Their role has evolved from one of manufacturing, storage, and maintenance of weapons to one of serving as the nuclei from which private industry obtained "know-how" to mass produce a multitude of products used in war. More recently, their manufacturing activities have been limited to production of very small quantities of items where a producer in private industry could not be found. Their primary mission is to support the research and development program by providing the capability to build prototype research and development items and to provide a production base in the event of mobilization. A second major area of production type bases is the Government-Owned Contractor-Operated (GOCO) plants used in the production of munitions. A number of these are presently in standby status with others active. The fact that these plants are contractor-operated provides the Army the flexibility to more readily expand or contract our capability consistent with requirements. Continued modernization of these plants is essential to assure a viable capability attuned to prospective needs. In addition, this report reflects the transfer from the Navy to the Army of the logistic facilities at Hawthorne, Nevada, and McAlester, Oklahoma, as part of the Army's role as single manager for conventional ammunition.

Depot storage and maintenance requirements consist of:

1. General depots having responsibility for the storage, maintenance, and distribution of major items. These may also have the additional requirement for safe

storage, maintenance, and distribution of explosives, special weapons, toxic and chemical materiel.

2. Distribution depots having responsibility for supporting assigned geographic areas, both CONUS and overseas, for storage and distribution of secondary items. In some instances, they have maintenance activities and may continue to have this mission in the future.

3. Depot activities which store major items and act as an extension of the storage capability of the depots. In some cases, they too have the additional requirement discussed under general depots.

Long-range planning for depot maintenance facilities is a dynamic effort, affected by several variables. These include realignment within the DoD to establish "single service managers" (e.g., assign to a given service a new item entering the inventory), the use of contractor-owned/operated facilities in lieu of organic (in-house) Army-owned/operated facilities to perform depot maintenance of equipment, and the expanded efforts to "maximize" interservicing of material. At the same time, studies are being conducted to determine the minimum CONUS base required to sustain the mission essential workload authorized for organic depot level accomplishment.

Service schools have the primary mission of replenishing forces with trained personnel in peacetime and maintaining a wartime expansion capability to support mobilization. Driven by improvements in communicative technology and by the need to conduct training relevant to new organizations, tactics and weapons systems, these schools will aim at establishing centers of excellence for the training and doctrine of all branches.

The initial entry training centers will develop and administer programs of instruction driven by the same factors discussed above on service schools.

Medical bases exist primarily for the support of active Army forces; consequently, geographical distribution is directly related to the overall Army structure. Hospitals provide medical support while medical centers are located to also provide consultative and referral services within specific regions to both Army and other Services' hospitals. Medical support has become highly area oriented during the past years and coordination

among Federal health care providers to preclude duplication of effort and to provide cross utilization of resources has greatly increased. The Army supports this concept and feels that development of requirements cannot be accomplished in isolation of the other services.

**Major Force Structure Changes and Their Impact on Base Structure:**

Reduced accessions, combined with reductions to the training base, may result in some changes to the base structure associated with individual training.

Ongoing realignment studies which could impact on Forts Hamilton/Totten/Wadsworth, New York; Fort Sheridan, Illinois; Fort Monroe, Virginia; Letterman Army Medical Center (located on the Presidio of San Francisco); Letterkenny and New Cumberland Army Depots, Pennsylvania; and several Army Training Centers.

Lima Army Modification Center will be reactivated during FY 1980 for XM1 Tank production.

**INDIVIDUALS (600)**

The Army has no major installations falling into this IDPPC.

**IV. BASE OPERATIONS COSTS (BOC) FOR FY 1980**

A summary of the FY 1980 Estimated Base Operations Costs as defined in the introduction follows:

<u>Major Defense Programs</u>	<u>Fifty States</u>	<u>US Territories and Possessions 1/</u>	<u>Foreign Overseas Areas</u>	<u>Total</u>
Strategic (01) 2/	-	-	-	-
General Purpose (02)	1,105.8		1,508.2	2,614.0
Intell. & Comm. (03) 3/	132.8		38.7	171.5
Airlift Sealift (04) 2/	-		-	-
Guard & Reserve (05)	163.0			163.0
Research & Develop. (06) 2/	-	-	-	-
Central Supply & Maint. (07) 3/	337.3		32.8	370.1
Trng, Med & Other Pers (08) 3/	1,190.4			1,190.4
Admin. & Assoc. (09) 3/	93.0		89.2	1,279.6
Support of Other Nations (10) 2/	-	-	-	93.0
TOTAL ARMY 4/	<u>3,022.3</u>		<u>1,668.9</u>	<u>4,691.2</u>

TABLE VIII (Cont'd)

MAJOR DEFENSE PROGRAMS

ARMY BASE OPERATIONS COSTS (\$ MILLIONS)

- 1/ Army does not have separate program elements for base operations of installations in territories or possessions. These costs are included in the base operations program element of the major command that operates the installation.
- 2/ Army does not budget for base operations in Programs 1, 4, 6 or 10.
- 3/ Army budgets for all base communication costs in Program 3, all commissary store costs in Program 7, all medical costs in Program 8 and all standard level user charges in Program 9.
- 4/ Total consist of Operation & Maintenance, Military Pay and Family Housing appropriations allocated to base support.

## V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Army continues an active program to promote management efficiencies and consolidate or eliminate functions in order to reduce base operations costs. A number of these will impact the FY 1980 budget:

1. Continued efforts will be made to convert in-house commercial-type functions to contract, if cost effective and not specifically prohibited by statute or regulation, including regulations of the Office of Personnel Management (formerly Civil Service Commission) or other appropriate authority. Conversions are designed to reduce the cost of operations and to free military spaces for transfer to activities with critical military requirements.
2. The Army has also installed automated systems, such as the Standard Army Intermediate Level Supply System (SAILS), which has resulted in reduced manpower requirements in the supply operations area.
3. The centralization of management of commissary stores has also enabled the Army to reduce the number of personnel utilized in that area. In order to effectively utilize existing personnel in commissary stores, the Army has converted full-time personnel to part-time personnel where such action was feasible and did not degrade the level of service to customers.
4. In order to preclude the growth of the number of personnel employed in base operations functions, the Army will utilize contractors to perform certain new functions, such as compliance with Occupational Safety and Health Act (OSHA) standards and the environmental standards.
5. Similarly, consolidation of real property maintenance activities with other military services is designed to reduce overall base support costs.
6. The Army's continued scrutiny of its installations and activities is expected to reduce nonessential overhead and support personnel and associated costs. Following examples are cited:
  - a. In order to reduce the number of high-cost, single-mission installations, the Army is studying potential realignments at Forts Hamilton, Totten, and Wadsworth, New York; Fort MacArthur, California;

Arlington Hall Station, Vint Hill Farms, and Fort Monroe, Virginia; Fort Sheridan, Illinois; and the Presidio of San Francisco, California.

b. As part of a continuing program to streamline depot operations, the Army is studying the feasibility of realigning some functions now performed at New Cumberland Army Depot, Pennsylvania, with another depot.

c. A number of other actions are being studied to reduce overhead support costs, to consolidate schools within the Army, and to consolidate Army schools with other military service schools. Included is the concept of conversion to contract to reduce the base support costs related to the Army training mission.

SECTION VI

ARMY BASE STRUCTURE

(Population data for Army installations in Europe not available  
for inclusion in the FY 1980 Base Structure Annex.)

TABLE IX  
SUMMARY OF NUMBER OF ARMY INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC FORCES - Intell. & Comm. (103)	1	1	1	1
GENERAL PURPOSE FORCES				
- General Purpose (202)	30	7	163	200
- Airlift Sealift (204)	5	2	2	7
- Guard & Reserve (205)	36	2		38
AUXILIARY FORCES				
- Intell. & Comm. (303)	6	1	4	10
- Research & Dev. (306)	28			29
MISSION SUPPORT FORCES				
- General Purpose (402)	10	1	10	21
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	68		19	87
- Training, Medical & Other Personnel (508)	44		11	55
TOTAL ARMY	220	11	209	448

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INFORMATION ON DEFENSE  
ARMY BASE STRUCTURE  
SINKATEIC FORCES  
UNITED STATES  
FY 1980

Installation	City	AFIA			Total Personnel	Rank	Land Area-Acres	Area- Acres	Rate	Major Unit-Activity-Function
		Mil	Civ.	Total Tot.						
INTELLIGENCE AND COMMUNICATIONS (1C3)										
MARYLAND										
KIWI TEL, PORT	WAYNESBORO, PA	1087	1167	2174	2204	1	190.4	1	190.4	1 COMMUNICATIONS

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US FIELD OF OFFICE  
ARMY EXP. STATION SITE  
NEW YORK STATE  
UNITED STATES  
FEB 1950

INVESTIGATION  
LOCATION  
CITY  
AFIA  
MIL  
AFIA  
CIV  
Local  
Per Cap.  
Rank  
Area  
AFCOL  
Rank  
Major Unit-Activity-Function,

## FIELD OFFICE (202)

ALASKA	ANCHORAGE, AK	5003	1759	6562	6765	12	74264	15	172ND INFANTRY BRIGADE
	FARIBAULT, FORT	2610	484	3110	3211	15	92037	1	172ND INFANTRY BRIGADE
	FAIRBANKS, ANCHORAGE						44	29 TRAINING	
	FARIBAULT, FAIRBANKS, AN						69557	2 TRAINING	
	FAIRBANKS, FAIRBANKS, AN						240	26 TRAINING	
	FAIRBANKS, FAIRBANKS, AN						503	29 DISPERSED SITE	
	FAIRBANKS, FAIRBANKS, AN						1910	21 TRAINING	
	HALF MOON RIVER SITE, AK								
	FARIBAULT, FAIRBANKS, AN						2762	20 TRAINING	
CALIFORNIA	SEASIDE, CALIF.	15/19	2109	17818	18807	7	26010	16	7TH INFANTRY DIVISION (-)
	MARSHALL, PRESTON, CALIF.	2705	915	3520	5735	13	392	24 DEFENSE LANGUAGE SCHOOL	
	MONTEREY, CALIF., CALIF.	1116	96	212	1376	16	161637	6 DIV 7 NO-CODE EXPERIMENTATION	
FLORIDA	LAUDERDALE, FLA								
	LAWSON, FLA	19129	2107	21236	25495	5	15391	16 4TH INFANTRY DIVISION (MECH)	
HAWAII	HONOLULU, HAWAII	11610	16/4	12714	17876	8	275276	4 24TH INFANTRY DIV (MECH) 1	
	HONOLULU, HAWAII	4113	413	4536	4807	14	3373	18 24TH INFANTRY DIVISION 1-4	
	HONOLULU, HAWAII								
HAWAII	HONOLULU, HAWAII	15731	1106	16817	17622	9	163494	9 25TH INFANTRY DIVISION (-)	
	HONOLULU, HAWAII						2670	26 TRAINING	
	HONOLULU, HAWAII						5294	19 TRAINING	
	HONOLULU, HAWAII						9223	17 TRAINING	
	HONOLULU, HAWAII						11623	12 DIVISION TRAINING	
	HONOLULU, HAWAII						665	22 TRAINING	
	HONOLULU, HAWAII						67	27 TRAINING	

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INVENTORY OF UNPAID  
ARMY BASIC TRAINING  
GLENDALE PURPOSE FORCES  
UNITED STATES  
FY 1980

Installation	City	AfIA Pvt	AfIA Civ	Total Pvt	Rank	Land Area Acres	Air Area Acres	Rank Major Unit-Accivity Function
PANAMA CITY, FLORIDA	JUNCTION CITY	15,740	2,180	18,920	20,034	6	1,0090	14 1ST INFANTRY DIV (MECH) (-)
MISSISSIPPI, JACKSON	CRAVENVILLE, TN	21653	2,195	24,351	28,039	4	1,05347	13 101ST AIRBORNE DIVISION
MISSISSIPPI, JACKSON	LEESVILLE	1,2177	1,950	1,4673	1,529	10	210884	7 5TH INFANTRY DIV (MECH) (-)
MISSOURI, ST. LOUIS	FAYETTEVILLE	3,466	395	41,441	49,949	2	1,37739	11 82ND AIRBORNE DIVISION
TEXAS, SAN ANTONIO	VILLEEN	45,965	3,479	49,354	53,352	1	216915	6 1ST CAVALRY DIVISION ARMORED DIV
TEXAS, SAN ANTONIO	ARTILLERY	34,21	3,334	7,160	7,661	11	267	25 ARMY LOGISTICAL SUPPORT
WASHINGTON, SEATTLE	TACOMA YARD	22,659	3,110	25,767	31,152	2	353,59	3 3RD INFANTRY DIVISION
WASHINGTON, SEATTLE	PAULING LEMITH, WA					2	2,3131	2 DIVISION TRAINING
TOTAL UNPAID FORCES (PVT)								
(4) FORT BENNING (2) 101ST AIRBORNE DIV								
(1) MILITARY POLICE								
S1 MARY S.								
S1 MARY S.								

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INVENTORY OF DEFENSE  
AND BUDGET STRUCTURE  
OF NATIONAL GUARD FORCES  
UNITED STATES  
FEB 1980

Installation	Lily	AFTA Mil	AFTA LIV	Total Part's	Reserv. Act. Grds	Reserv. Non-Grds	Major Staff Activity-Function
HAWAII + AFAR AREA MILITARY RESERVATION	HONOLULU	*	*	*	*	*	136 3 HABITATS & POINTS
NEW HAMPSHIRE MIL OF PAN THOMAS BAYONNE	BAYONNE	474	1824	2298	2691	1	679 3 HABITATS & PORT
PACIFIC LANCE 1 MA MIL OF MIL AIR STATION - SUNNY POINT	WILMINGTON	18	2410	2528	359	3	16124 1 HABITAT & POINT
GUAM AND MIDWAY (205)							
ARMED FORCES FIGHTER FACILITY	FIGHTER	*	*	*	*	*	278 16 ARMY NATIONAL GUARD ACTIVITIES
ARMED FORCES, FIGHTER	KOMI SMITH	15	158	173	2908	6	71973 4 NC & ACTIVE ARMS, TWO (1)
CALIFORNIA FIGHTER, FIGHTER USMC AIRPORT, FORT, CA	MARSTON	*	44	44	10484	1	642805 1 NC & ACTIVE AIRTY TWO (1)
FLORIDA USMC AIRPORT, FORT, CA	DAVIS, NEW	*	248	248	866	14	47591 6 MILITIA,
FLORIDA US AIR FORCE US AIR FORCE, ALANTRIOS	ELUMPHIT LOS ALAMITOS	*	99	99	1530	12	1926 19 RESERVE COMPONENT TRAINING (1)
FLORIDA US AIR FORCE, GUNNERS	SAN MIGUEL	*	40	40	3546	6	42361 23 RESERVE COMPONENT TRAINING (1)
FLORIDA US AIR FORCE, LANTERN, AIR PROBLEMS, LANTERN, CA	DAYO KELLY'S SAN PEDRO	*	191	291	903	13	22 34 RESERVE COMPONENT TRAINING (1)
FLORIDA FIGHTER, FIGHTER, GUNNERS							
FLORIDA FIGHTER, FIGHTER, GUNNERS	SIAMPT	*	15	15	2230	9	4152 17 RESERVE COMPONENT TRAINING (1)
FLORIDA FIGHTER, FIGHTER, GUNNERS							
FLORIDA FIGHTER, FIGHTER, GUNNERS	LA JOLLA AIRPORT, LA	*	*	*	*	*	1620 20 ARMY NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE  
ARMED FORCES INSTRUCTIVE  
COMBINED FORCING FORCE  
UNITED STATES  
FY 1960

Installation	Army Mili- tary Area	Army Co- operative Area	Total Part- ners	Total Part- ners	Total Army Accts.	Reserve Army Accts.	Major Units-Activity Functions
HAWAII THEFTS, FORT BLISS, TEXAS	MONDOU ISLANDS	0	0	0	0	0	70 ARMY RESERVE IND 33 ARMY NATIONAL GUARD IND
INDIANA ATTENDANT RESERVE TNG AREA	EDINBURGH	0	0	0	0	0	33485 9 RESERVE COMPONENT TRAINING
IDAHO, PHOENIX, FORT	IRVING, TEXAS	12	47	59	475	15	90 ARMY RESERVE COMPONENT TRAINING (1)
IDAHO, CAMP FORTIDUS, CAMP	BONHOMIE	0	0	0	2000	10	10649 15 RESERVE COMPONENT TRAINING (1)
KENTUCKY CINCINNATI, FORT	HATFIELD SHELF	0	0	0	0	0	500 25 COMPANIES-RC IND
Louisiana NEW ORLEANS, CAMP BONHOMIE, CAMP	GRENADA HATFIELD SHELF	0	17	17	5962	4	1044 16 ARMY NATIONAL GUARD ACTIVITIES 1700 15 RESERVE COMPONENT TRAINING (1)
PENNSYLVANIA PALETTA, VINEYARD, FORT STUDENKA, FORT	MISSOURI	0	0	0	0	0	1094 21 ARMY NATIONAL GUARD ACTIVITIES 152 15 RESERVE COMPONENT TRAINING
PENNSYLVANIA PALETTA, FORT	PEACE	0	0	0	0	0	1197 22 ARMY NATIONAL GUARD ACTIVITIES
PENNSYLVANIA PENNSYLVANIA IMPORT FACILITY	PENNSYLVANIA	0	0	0	0	0	120 21 RESERVE COMPONENT TRAINING
PENNSYLVANIA TAMPA, FORT	WALTON	312	636	948	8167	2	16726 2 MIL & ACTIVE ARMY THE (1)

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INSTITUTIONS OF DEFENSE  
ARMY BASE STRUCTURE  
MULTI-PURPOSE FORCES  
UNITED STATES  
FEB 1980

Installation	City	AFIA		Total Pers.	Rank	Land Area Acres		Major Unit-Activity-Function
		Afia M1	Afia Civ			Area	Area	
ALASKA ANCHORAGE, CAMP	MUSKOGEE	*	*	*	*	2,075	10 ARMY NATIONAL GUARD ACTIVITIES	
ARIZONA LEAVENWORTH, CAMP	LEBANON	280	1575	1855	7410	3 18129	12 RC & ACTIVE ARMY INVS (1)	
TEXAS SMITH, CAMP	AUSTIN	*	*	*	*	11740	14 ARMY NATIONAL GUARD ACTIVITIES	
WISCONSIN WILLIAMS, CAMP	SALT LAKE CITY	*	*	*	*	22773	11 ARMY NATIONAL GUARD ACTIVITIES	
VERMONT THOMAS AERON FACILITY	BURLINGTON	*	*	*	*	8222	24 ARMY NATIONAL GUARD ACTIVITIES	
VIRGINIA "LITTLE" FORT A.R. HILL, FORT	BLACKSTONE BOWLING GREEN	50	369	419	3192	7 45198	7 RC & ACTIVE ARMY INVS (1)	
WASHINGTON TACOMA, FORT VANCOUVER	68	252	300	1988	11 77023	3 RC & ACTIVE ARMY INVS (1)		
WASHINGTON VANCOUVER	SEATTLE	*	*	*	188	16 62	26 RESERVE COMPONENT TRAINING (1)	
MISSOURI PLATTILLE, FORT	VANCOUVER	*	*	*	*	*	31 RESERVE COMPONENT TRAINING (1)	
MISSOURI PLATTILLE, FORT	ST. LOUIS	911	954	5419	5 5979	9 RC & ACTIVE ARMY INVS (1)		

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## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
ARMY FOR STRUCTURE  
OF MILITARY UNITS AND POSSESSIONS  
UNITED STATES, DECEMBER 1, 1960

Installation	City	Afia Mil	Afia Civ	AFTA Tot	Total Pars	Rank	Land Area Acres	Rnk	Major Unit Activity Function
		Afia Mil	Afia Civ	AFTA Tot	Total Pars				
<b>PUERTO RICO (205)</b>									
BALBOA	CANAL ZONE	7/3	166	941	1049	4	37094	1	SUPPORT OF ARMY IN PCZ
CHRISTOBAL		103	*	103	158	6	12410	5	U S SCHOOL OF THE AMERICAS
TOLO POINT		304	116	420	446	5	346	2	JUNGLE OPER TMG CENTER
BALBOA		447	1753	5160	5505	1	6218	7	153RD INFANTRY BLUE NO
BALBOA		1137	66	1223	1309	3	9509	4	U S ARMY TROPIC TEST CTR
BALBOA		1642	392	1434	1504	2	3056	6	TRAINING OF CEN FOR. FORCES
CRISTOBAL									
<b>PACIFIC AREA (205)</b>									
SAIPAN	PUEBLA MEXICO	*	73	8343	1	11431	1	ARMY NATIONAL GUARD ING (1)	
SAN JUAN	SAN JUAN	2054	748	2842	2989	2	609	2	RESERVE COMPONENT TRAINING
<b>DANIA, CAMP, ISLA MACHA, FORT</b>									

PUEBLA MEXICO  
SAN JUAN  
DANIA, CAMP,  
ISLA MACHA, FORT

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DEFENSE  
ARMED  
FORCES  
SIXTH  
COMMISSION

וְנִמְלָא מֵבָרֶכֶת (202)

PLATE 114  
PACIFIC TRAINING CENTER  
SACRAMENTO, CALIFORNIA

CEESAW RESEARCH REPORT

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BURGESS, A. J.  
 AMATELLO, PARNELL'S  
 PHILIP IN BARKHUS  
 KAREN IN I. TACKERS  
 LUCILLE IN BARKHUS  
 PRINCE PHILIP  
 Et son fils le Prince Charles  
 LEWIS, ELIAS LASERHE  
 FRANKOMIA  
 P. L. FREDERICK W. ARDEN  
 FREDERIC JACKIE U. S.  
 GENEVIEVE PARNELL'S  
 GENEVIEVE BARKHUS  
 KAREN PATRICK'S  
 KAREN FRANKOMIA  
 Sue STEPHEN ARDEN  
 ERIC L. PARNELL'S  
 ERIC F. ARDEN'S  
 ERIC P. BARKHUS

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DEFENSE IN S. GERMANY  
ARMY PACIFIC DIVISION  
GENERAL PURPOSE FORCES  
Military Installations Used By  
U.S. Forces In Foreign Areas  
FY 1980

Installation	City	AFIA			Total Pars.	Rank	Land Area Acres			Rank	Major Unit-Agency-Function
		Mil	Civ	AFA			Tot	Area	Acres		
WAGENHEIM AIR FIELD IN MISSILE STATION	HARDT IN KIZZIMATIN	*	*	*	*	*	4	20	135	32ND AIR DEFENSE COMMAND	
FARTON BARRACKS	KITZINGEN	*	*	*	*	*	4	571	17	3RD INFANTRY DIVISION (MECH)	
HAUL V BARRACKS	MILTEMBERG	*	*	*	*	*	4	626	14	3RD INFANTRY DIVISION (MECH)	
MAISNALEAU MISSILE STATION	WEITHE IM WERTH-ZAHN	*	*	*	*	*	4	33	116	32ND AIR DEFENSE COMMAND	
FLEET WARRIOR S	WEITHE IM WERTH-ZAHN	*	*	*	*	*	4	219	19	VII CORPS ARTILLERY	
IRISH RAILROAD BARRACKS	WEITHE IM WERTH-ZAHN	*	*	*	*	*	4	52	68	3RD AIR DEFENSE COMMAND	
GERMANIA BARRACKS	WEITHE IM WERTH-ZAHN	*	*	*	*	*	4	17	150	3RD INFANTRY DIVISION (MECH)	
GUTMISCHI TACTICAL DEF STA	WEITHE IM WERTH-ZAHN	*	*	*	*	*	4	342	31	3RD INFANTRY DIV (MECH) HQ	
GERMANY	SUITZBACH	*	*	*	*	*	4	26	132	2ND AIR DEFENSE COMMAND	
SCHEIDEN FORTRESS	FREIGRUND	*	*	*	*	*	4	167	46	3RD ARMORED DIVISION	
IRISH BARRACKS	GIESSEN	*	*	*	*	*	4	11	3RD SUPPORT COMMAND		
IRISH BARRACKS	GIESSEN	*	*	*	*	*	4	38	45	V CORPS ARTILLERY	
IRISH BARRACKS	KIRCHHAUSEN	*	*	*	*	*	4	275	37	3RD ARMORED DIVISION	
WEISSHAUEN	WEISSHAUEN	*	*	*	*	*	4	38	106	V CORPS ARTILLERY	
WEISSHAUEN	WEISSHAUEN	*	*	*	*	*	4	638	13	4TH BDE, 8TH INFANTRY DIVISION	
N.D. UNK N LITTMERG	GOETTINGEN	*	*	*	*	*	4	317	32	1ST INFANTRY DIVISION	
GERMANIA AIR FIELD IN LITTMERG	SCHEIBELBACH-UNI SCHWABE SCHI-UNI	*	*	*	*	*	4	17	150	56TH FIELD ARTILLERY BRIGADE	
GERMANIA AIR FIELD IN LITTMERG	SCHEIBELBACH-UNI SCHWABE SCHI-UNI	*	*	*	*	*	4	29	123	56TH FIELD ARTILLERY BRIGADE	
HEILBRONN, ALGA	DALLAU	*	*	*	*	*	4	43	32ND AIR DEFENSE COMMAND		
ITALIAN TACTICAL DEFENSE STA	HEILBRONN	*	*	*	*	*	4	20	145	56TH FIELD ARTILLERY BRIGADE	
ITALIAN TACTICAL DEFENSE STA	HEILBRONN	*	*	*	*	*	4	38	83	711 SIGNAL BRIGADE	
ITALIAN TACTICAL DEFENSE STA	KETTERLACH	*	*	*	*	*	4	31	119	56TH AIR DEFENSE COMMAND	
ITALIAN TACTICAL DEFENSE STA	NECKARGEMUND	*	*	*	*	*	4	23	146	56TH FIELD ARTILLERY BRIGADE	

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
GENERAL INHOUSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1980

Installation	City	ATA			Total Pnts.	Rank	Area	Rank	Major Unit - Activity - Function
		MIL.	CIV	TOT.					
<b>GERMANY</b>									
Schleswig-Holstein Area	HESENHAUSEN	*	*	*	*	*	395	28	11TH AVIATION GROUP
DUCKWAN BARRACKS	ROBLINGEN	*	*	*	*	*	68	67	1ST INFANTRY DIVISION (MECH)
	DETTINGEN	*	*	*	*	*	54	67	32ND AIR DEFENSE COMMAND
	ESSENDORN	*	*	*	*	*	16	147	24D SUPPORT COMMAND
	KRAGHESHEIM	*	*	*	*	*	29	123	711 ENGINEER BRIGADE
	KORNHSHEIM	*	*	*	*	*	4	27	129 SOUTH FIELD ARTILLERY BRIGADE
	LUDWIGSHafen	*	*	*	*	*	22	141	US ARMY MEDICAL COMMAND
	LUDWIGSBURG	*	*	*	*	*	43	296	211D SUPPORT COMMAND
	METZGERTHAL	*	*	*	*	*	28	126	VII CORPS SIGNAL BATTALION
	MELTINGEN	*	*	*	*	*	72	75	VII CORPS HQ
	SUTTERKAM	*	*	*	*	*	306	34	211D SUPPORT COMMAND
	SUTTERKAM	*	*	*	*	*	196	43	AIA, USAEUR & 7TH ARMY
	SUTTERKAM AIRFIELD	*	*	*	*	*	19	145	VII CORPS HQ
	WEINHEIM BARRACKS	*	*	*	*	*	23	138	USAEUR ADJUTANT GENERAL
	WEINHEIM & FAULKE BARRACKS	*	*	*	*	*	21	143	VII CORPS HQ
	WEINHEIM PASEBEN	*	*	*	*	*			
<b>WEST GERMANY</b>									
Baden-Wurttemberg Area	DARMSTADT	*	*	*	*	*	29	126	32D AIR DEFENSE COMMAND
GUNTHERSHORN MISSILE STATION	HEIDELBERG	*	*	*	*	*	45	54	102 HQ WEAIR (AVIATION)
HEIDELBERG AIRFIELD	HEIDELBERG	*	*	*	*	*	28	126	102 HQ WEAIR (SPECIAL TROOPS)
HALLGREN BARRACKS	SCHWALZIM	*	*	*	*	*	68	67	102 US MILITARY PERSONNEL CENTER
HOLZTHORN BARRACKS	SCHWALZIM	*	*	*	*	*	11	150	US MILITARY PERSONNEL CENTER
HOLZTHORN, KASERNE	EYERICH	*	*	*	*	*	1	116	7TH ENGINEER BRIGADE (-)
KASERNE	KASERNE	*	*	*	*	*	1	38	102 161D ENGINEER GROUP
KASERNE	KASERNE	*	*	*	*	*	41	102 161D ENGINEER GROUP	
KASERNE	KASERNE	*	*	*	*	*	164	40	711 ENGINEER BRIGADE (-)
KASERNE	KASERNE	*	*	*	*	*	560	16	711 SIGNAL BRIGADE (-)
KASERNE	KASERNE	*	*	*	*	*	26	132	US ARMY COMBAT LOGIP GROUP
KASERNE	KASERNE	*	*	*	*	*	21	144	US ARMY LABOR SERVICE AGHQ
KASERNE	KASERNE	*	*	*	*	*	33	116	3RD SUPPORT COMMAND
<b>ITALY</b>									
<b>UNCLASSIFIED</b>									

UNCLASSIFIED

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**DEPARTMENT OF DEFENSE  
ARMED STRUCTURE  
GERMAN FOREIGN FORCES  
Military installations used by  
U.S. Forces in Foreign Areas**

Installation	City	Afia Nel	Afia Civ	Afia Tot	Total Pers	Rank	Area- Ac-us	Land- Area-	Major Unit-Activity-Function
SPIELHOF BARRACKS	MANNHEIM	*	*	*	*	*	200	42 JTH TRANSPORTATION BRIGADE	
SILLIGEN BARRACKS	MANNHEIM	*	*	*	*	*	108	61 8TH INFANTRY DIVISION (MECH)	
TATZER BARRACKS	MANNHEIM	*	*	*	*	*	115	59 US ARMY MILITARY COMMUNITY	
WIRTS, A U.S.	QUERNHEIM WORKS	*	*	*	*	*	31	119 32ND AIR DEFENSE COMMAND	
							33	121 5TH SIGNAL COMMAND	
GERMANY - AUSTRIA									
1. D. ARMY 1103 CORD AFB	BAYREUTH	*	*	*	*	*	7	160 2ND ARMORED CAVALRY REGIMENT	
SCHLEISSHEIM KASERNE	BINNSCH	*	*	*	*	*	410	25 2ND ARMORED CAVALRY REGIMENT	
CONFIDENTIAL BARRACKS	REGENSBURG	*	*	*	*	*	135	32ND AIR DEFENSE COMMAND	
2. D. ARMY 1103 CORD AFB									
HARTLACH BARRACKS	ANSBACH	*	*	*	*	*	35	111 1ST ARMORED DIVISION	
LEUTEN BARRACKS	ANSBACH	*	*	*	*	*	16	152 VII CORPS ARTILLERY	
LEUTEN TUNING KASERNE	ANSBACH	*	*	*	*	*	30	121 1ST ARMORED DIVISION	
MENTL BARRACKS	CHAUTAU	*	*	*	*	*	192	44 1ST ARMORED DIVISION	
MONTEK BARRACKS	LITTMERSHEIM	*	*	*	*	*	440	22 1ST ARMORED DIVISION	
PALTNAU BARRACKS	KATZENBACH	*	*	*	*	*	395	28 1ST ARMORED DIVISION	
MONTEK AFB									
PALTNAU BARRACKS	BAUMRUG	*	*	*	*	*	411	24 151 ARMORED DIVISION	
PALTNAU BARRACKS	GABERTSHU	*	*	*	*	*	215	39 151 ARMORED DIVISION	
PALTNAU BARRACKS	COHNIG	*	*	*	*	*	158	158 2ND ARMORED CAVALRY REGIMENT	
PALTNAU BARRACKS									
Reiniger U. A U.S.	ENGLANDEN	*	*	*	*	*	316	33 1ST ARMORED DIVISION	
REINIGEN BARRACKS	FURKIN	*	*	*	*	*	127	51 1ST ARMORED DIVISION	
REINIGEN BARRACKS	FURKIN	*	*	*	*	*	291	35 1ST ARMORED DIVISION	
REINIGEN BARRACKS	FRANKFURT	*	*	*	*	*	99	61 VII CORPS ARTILLERY	
REINIGEN BARRACKS	FRANKFURT	*	*	*	*	*	296	10 2ND ARMORED CAVALRY REGIMENT	
REINIGEN BARRACKS	FRIEDRICH	*	*	*	*	*	43	98 271 1ST ARMORED DIVISION	
REINIGEN BARRACKS	SETHAWAHL	*	*	*	*	*	54	67 1ST ARMORED DIVISION	
REINIGEN BARRACKS	SETHAWAHL	*	*	*	*	*	44	151 1ST ARMORED DIVISION	
REINIGEN BARRACKS	ZWECKEN	*	*	*	*	*			

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used by  
the U.S. Forces in Germany Areas  
FV 1980

Installation	City	AFTA Mil	AFTA CIV	AFIA Tot	AFIA Per	Total Area Acres	Rank	Land Area- Acres		Major Unit-Activity Function
								Area	Rank	
Waldscheide Area										
FLUG AFB BIRNHAUS	EINSIGERODE	*	*	*	*					
KLEINER KASERNE	KAISENSTADTEN	*	*	*	*					
SHLIECH UND HANNE BARRACKS	KAISENSTADTEN	*	*	*	*					
STÄDTL KASERNE										
Pirmasens Area	PIRMASENS	*	*	*	*					
WESTERKIRCHE KASENHE										
WESTERKIRCHE										
West Kaiserslautern Area										
PIRMA FASCHNE	OAD FREUZNACH	*	*	*	*					
HOCH BERNHARD'S	BD. KREUZNACH	*	*	*	*					
AMERIKAN BARRACKS	DEHNHEIM	*	*	*	*					
REICHENBACH MISSLE STATION	DICHTELBACH	*	*	*	*					
WILZSCHEN IM MISSLE STATION	HASSELBACH	*	*	*	*					
Westwall Area										
WEIL II FASCHNE	BAUMHOFER	*	*	*	*					
SIMM BARRACKS	BAUMHOFER	*	*	*	*					
HESSEI MISSLE STATION	HAUSE	*	*	*	*					
STRASBURG KASERNE	DUAN OESTRICH	*	*	*	*					
Mainz Area										
FITTIGEN	FITTIGEN	*	*	*	*					
GROß-NIEPEN	GROß-NIEPEN	*	*	*	*					
MAINZ	MAINZ	*	*	*	*					
WALDFEHLEN	WALDFEHLEN	*	*	*	*					
Zwickau Bavaria										
AVIATION AREA	AUGSBURG	*	*	*	*					
FLUG KASERNE	AUGSBURG	*	*	*	*					
REDFE BARRACKS	AUGSBURG	*	*	*	*					
WESTHAN KASERNE										
West Solz Area	BAD TOLZ	*	*	*	*					
WESTH KASERNE										

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**DEFENCE OF INDIA**  
**ARMED STRUCTURE**  
**GENERAL PURPOSE FORCES**  
**MILITARY INSTALLATIONS BOARD**  
**2. Forces in Formations**

Installation	City	AFTA Mil	AFTA Gov	AFTA Tot	Total Perf.	Risk	Aus/ Across	Rank	Major Unit-Accuracy-FUNCTION
<i>Central Area</i>									
SIEGERLAND UND ERNSTAL	GARNSCH	*	*	*	*	*	2b	132 US MIL ARMED FORCES REC AREA	
MÜNCHEN	MÜNICH	*	*	*	*	*	37	110 ARMY & AF EXCHANGE	
PIEMONTE PASIANE	NEU ULM	*	*	*	*	*	38	105 25TH DIVISION GROUP	
PROVINZ AUGSBURG	NEU ULM	*	*	*	*	*	179	47 1ST INFANTRY DIVISION (MECH)	
WESTLICHE WÜRTTEMBERG	SIGMARINGEN	*	*	*	*	*	4b	90 5C:1 ARTILLERY BRIGADE	
<i>Army Areas</i>									
BAERENHALSEN	BAERENHALSEN	*	*	*	*	*	365	16 V CORPS ARTILLERY	
DAMSTADT	DAMSTADT	*	*	*	*	*	64	79 7TH SIGNAL BRIGADE	
DAMSTADT	DAMSTADT	*	*	*	*	*	53	68 24TH ENGINEER GROUP	
DAMSTADT	DAMSTADT	*	*	*	*	*	117	57 130TH ENGINEER BRIGADE	
<i>Army Areas</i>									
FRANKFURT	FRANKFURT	*	*	*	*	*	151	52 130TH ENGINEER BRIGADE	
FRANKFURT	FRANKFURT	*	*	*	*	*	35	113 3RD ARMORED DIVISION	
FRANKFURT	FRANKFURT	*	*	*	*	*	23	138 110TH ARMORED DIVISION	
FRANKFURT	FRANKFURT	*	*	*	*	*	24	136 V CORPS MILITARY POLICE	
FRANKFURT	FRANKFURT	*	*	*	*	*	64	69 V CORPS HQ	
FRANKFURT	FRANKFURT	*	*	*	*	*	6	161 V CORPS 3RD SUPPORT COMMAND	
FRANKFURT	FRANKFURT	*	*	*	*	*	26	120 V CORPS 3RD TRANSPORTATION BRIGADE	
FRANKFURT	FRANKFURT	*	*	*	*	*	39	105 4TH TRANSPORTATION BRIGADE	
<i>Army Areas</i>									
WILHELMSHAFEN	WILHELMSHAFEN	*	*	*	*	*	175b	2 3RD INFANTRY DIVISION (MECH)	
<i>Other Areas</i>									
WESTLICHE ARA	WESTLICHE ARA	*	*	*	*	*	4b	92 111TH ARMORED CAVALRY REGIMENT	
WESTLICHE ARA	WESTLICHE ARA	*	*	*	*	*	117	57 111TH ARMORED CAVALRY REGIMENT	

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DEPARTMENT OF DEFENSE  
ARMED STRUCTURE  
GENERAL PURPOSE FORCES  
Military installations used  
as US bases in foreign areas  
by 1960

CARIB HANBY		PISA	KOKT'A. REPUBLIC OF
CAMP CHEEJES			
CAMP PARK		CHANSDAEN-GUN	7-14
CAMP TOWER		CHINN CHON	46-4
CAMP PELHAM		KUMHWA NI	6-5
CAMP SELBYVILLE AREA		KUNDORON NI	8-18
CAMP MCKEE		PALNUJON	11-4
CAMP INNOMIRE IS		PULJON	46-3
MILITARY BARRACKS		PONG JAEK	30-9
ARMY AIRFIELD		SEON	1-9
ARMY BASE		TALGO	5-1
LATHI BIGHT		TOPNGUCHON	20-15
CAMP LARSONS		TOPNGUCHON NI	21-5
CAMP KELVIN 10000		UI JANG BU	6-5
CAMP SIEF & EV		UI JONG RI	10-4
CAMP MURKIN		UI KANG BU	20-10
CAMP SIEF & EV		UI KANG BU	1-0
		WEOLJUAN	30-0

City	AfTA Mil	AfTA Civ	Total AfTA tot.	Total Pur.s.	Mark	Unit-Army- Area	Unit-Activity-Function
BUEHLINGEN	*	*	*	*	*	39	105 3RD ARMORED DIVISION
GELNIHAUSEN	*	*	*	*	*	80	70 3RD ARMORED DIVISION
GROSTAUHEIM	*	*	*	*	*	213	40 3RD SUPPORT COMMAND
HANAU	*	*	*	*	*	51	19 3RD ARMORED DIVISION
HANAU	*	*	*	*	*	22	14 1 3RD ARMORED DIVISION
HANAU	*	*	*	*	*	17	150 3RD ARMORED DIVISION
HANAU	*	*	*	*	*	43	360 3RD ARMORED DIVISION
HANAU	*	*	*	*	*	94	65 130TH ENGINEER GROUP
HANAU	*	*	*	*	*	3	160 USARBER LABOR SERVICE
HANAU	*	*	*	*	*	612	15 V CORPS ARTILLERY & AVIATION
HANAU	*	*	*	*	*		

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DEPARTMENT OF DEFENSE  
ARMY BUS. STRUCTURE  
SIXTH MAINTENANCE GROUP  
Military Institutions Used By  
the U. S. Forces in Foreign Areas  
FY 1980

Installation	City	AFIA			AFIA			Total			Land Area Acres			Major Rank			Major Unit-Activity-Function		
		Mil.	Civ.	Total	Mil.	Civ.	Total	Mil.	Civ.	Total	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	
<b>AIR FORCE STAFF FORCES (204)</b>																			
NABIA PLANE TANAHABA NIGHTS DODK	NABIA, OKINAWA YOKOHAMA	*	*	*	*	*	*	*	*	*	22/ 124	1 POINT FACILITIES	1 POINT FACILITIES	2 POINT FACILITIES					

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1960

Installation	City	AFFTA Mil	AFFTA CIV	AFFTA Tot	Total Per Cap.	Karak. Accts	Lined Accts	Karak. Major Unit-Activity Function
<b>INITIATIVES AND COMMUNICATIONS (305)</b>								
ARIZONA IRVINGTON, FORT WILCOX AREA, AZ GILA BEND AREA, AZ	SIERRA VISTA TUCSON GILA BEND	5115 4771 *	4886 4 *	10266 5 *	1 1 *	10267 25008 8/23	1 2 3	COMINT INTELLIGENCE I & E ACTIVITIES S & E ACTIVITIES
HAWAII THE HAWAII RADIO STATION	WAIIANA	*	*	*	*	*	251	5 COMMUNICATIONS
VIRGINIA AKIMMOTON HALL STATION VINYL MILLS FARMS STATION	AKIMMOTON WARRENTON	862 597	1487 574	2349 1176	2459 1195	2 3	87 11	HEADQUARTERS & ADMIN, DIA COMINT & INTELLIGENCE ACT
<b>MISCELLANEOUS DEVELOPMENT (406)</b>								
ALASKA KODIAK ARSENAL	KODIAK	3916	13447	17353	21586	1	3616	/ ROCKET LAUNCHED MSG., RAD, SCIENTIC
ALASKA EASTERN FAIRBANKS PERMAFROST STA. KUCHIKI RIVER ARCTIC TEST SITE, AK	FAIRBANKS FAIRBANKS FAIRBANKS	720 4 *	191 4 *	929 4 *	934 4 *	13 19 4	677280 744 19127	4 TEST SITE CENTER 19 TEST SITE 8 TEST SITE
ARIZONA YUMA PROVINCIAL GROUND	YUMA	461	769	1250	1316	11	9704112	2 R & D TEST CENTER
INDIANA REFINERY PROCESSING CROWN	CROWN	4	31	375	363	15	55261	6 REFINERY TEST CENTER

Lined

Accts

Official Assistant

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**SUPERIMPOSITION OF REFLECTION  
AND TRANSMISSION  
MUTUALLY COUPLED  
STRUCTURES**  
**1960**

Installation	City	AIA HHR	AIA CIV	AIA Tot.	Total Forces	Killed	Wounded	Major Unit-Artillery Function
MANASSAS, VA AERONAUTICAL PROVING GROUND BIRDSVILLE AND ALEXANDRIA, MD	BALTIMORE BALTIMORE FREDERICK HAGERSTOWN SILVER SPRINGS SHANNY DIAMOND LABS TEST AREA	5621 7710 1150 1194 0 0	7800 1150 1920 1200 0 0	13421 16134 2804 1260 0 0	2 0 6 12 0 0	79294 8000 11534 2337 20000 0	10 10 10 10 10 0	5 MAU TEST CTR, ORDNANCE STRUCTURE
MANASSAS, VA NAVAL RESEARCH & DEVELOPMENT CENTER NAVAL RESEARCH CENTER AREA NAVAL RESEARCH CENTER AREA NAVAL RESEARCH CENTER AREA	HATFIELD HATFIELD WATERLOO WATERLOO WATERLOO	176 18 603 0 0	1263 0 603 0 0	1417 0 621 0 0	10 0 14 0 0	2574 2931 48 0 0	14 10 26 0 0	5 MAU ACTIVITIES
MICHIGAN IN MILITIA AND ENCL IN INDIANAPOLIS AREA, MI	WARREN WARREN	176 0	4322 0	4498 0	7 0	272 0	222 25	PRODUCTION-TANKS
MISSOURI ARMED COMMISSIONERS TEST LAB	MANDEVILLE	14	2162	2344	16	20	26	MAU TEST CENTER
NEW JERSEY NEWARK AND ALEXANDRIA, PHILADELPHIA, PA TOMS RIVER, NJ TOMS RIVER, NJ	DOVER RED BANK RED BANK RED BANK ASHLEY PARK ASHLEY PARK	270 1515 7397 0 0 0	6162 9519 0 0 0 0	6175 9519 0 0 0 0	3 3 0 0 0 0	6491 1394 512 14 0 0	11 10 21 10 0 0	1 MAU HQ ADDITIONS 1 MAU HQ HEADQUARTERS 21 SUPPORT SITE 10 SUPPORT SITE 23 INDUST ACTIVITIES 20 INDUST ACTIVITIES
NEW YORK ARMED COMMISSIONERS TEST LAB	LAWRENCE	1265	3191	5246	0/05	4	1/25/02	1 MAU WEAPONS TEST CENTER

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DEFENSE IN MI OF DEFENSE  
Army Base Structure  
Assistant Forces  
UNITED STATES  
JULY 1980

Installation	City	ATA Mil	ATA Civ	AFIA Tot	AFIA Civ	Total Pls	Rank	Landed Arms Act As	Rank	Major Unit-Activity Function
WHITE RIVER MILITARY TEST COMPLEX INDIANA, INDIANA, USA	SALT LAKE CITY	312	692	1004	4629	6	3626	12 1st ACTIVITIES		
VERMILLION LAUNCH FIRING RANGE & INDOOR HILL	BIRKETTSVILLE	*	*	*	*	612731		3 KSD TEST CENTER		
VIRGINIA WALDORFIA RESEARCH FACILITY	ALEXANDRIA	*	97	97	17	579	20 RESEARCH & DEVELOPMENT			
							1115/	9 1st ACTIVITIES		

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**GENERAL STAFF**  
DIRECTOR OF DEFENSE  
ARMED FORCES STAFF FUND  
AUXILIARY FORCES  
GENERAL STAFF'S TECHNICAL AND  
GENERAL STAFF'S STAFF FORCES AND  
FY 1980

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DEPARTMENT OF DEFENSE  
F. B. I. - INTELLIGENCE  
ARMED FORCES  
Military Installations Used by  
the U. S. Forces in Forces Areas  
for 1960

Installation	City	AFIA Mil.	AFIA CIV	Total Pers.	Rank	Last Area Area		
						Rank	Major Unit	Activity-Function
<b>INTELLIGENCE AND COMMUNICATIONS (105)</b>								
SOUTH DAKOTA								
Aberdeen Proving Ground		*	*	*	*			
South Dakota State		*	*	*	*			
Phantom Ranch		*	*	*	*			
Held Altimeter + Alpine								
<b>OKLAHOMA</b>								
Albuquerque		*	*	*	*			
Wichita Falls		*	*	*	*			
Shawnee		*	*	*	*			
<b>TEXAS</b>								
Marlin		*	*	*	*			
Waco		*	*	*	*			
San Antonio		*	*	*	*			
<b>ARIZONA</b>								
Phoenix		*	*	*	*			
<b>NEW MEXICO</b>								
Albuquerque		*	*	*	*			
<b>NEVADA</b>								
Sparks		*	*	*	*			
<b>IDAHO</b>								
Boise		*	*	*	*			
<b>WYOMING</b>								
Laramie		*	*	*	*			
<b>UTAH</b>								
Provo		*	*	*	*			
<b>COLORADO</b>								
Denver		*	*	*	*			
<b>KANSAS</b>								
Topeka		*	*	*	*			
<b>MISSOURI</b>								
St. Louis		*	*	*	*			
<b>LOUISIANA</b>								
Baton Rouge		*	*	*	*			
<b>ARKANSAS</b>								
Little Rock		*	*	*	*			
<b>MISSISSIPPI</b>								
Jackson		*	*	*	*			
<b>ALABAMA</b>								
Birmingham		*	*	*	*			
<b>GEORGIA</b>								
Atlanta		*	*	*	*			
<b>FLORIDA</b>								
Tampa		*	*	*	*			
<b>MASSACHUSETTS</b>								
Boston		*	*	*	*			
<b>CONNECTICUT</b>								
Hartford		*	*	*	*			
<b>PENNSYLVANIA</b>								
Pittsburgh		*	*	*	*			
<b>NEW JERSEY</b>								
Newark		*	*	*	*			
<b>NEW YORK</b>								
Albany		*	*	*	*			
<b>NEW HAMPSHIRE</b>								
Concord		*	*	*	*			
<b>VERMONT</b>								
Montpelier		*	*	*	*			
<b>RHODE ISLAND</b>								
Providence		*	*	*	*			
<b>MAINE</b>								
Oakland		*	*	*	*			
<b>PUERTO RICO</b>								
San Juan		*	*	*	*			
<b>DOMINICAN REPUBLIC</b>								
Santo Domingo		*	*	*	*			
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<b>DOMINICAN REPUBLIC</b>								

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DEPARTMENT OF DEFENSE  
ARMY BASIC STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFF MIL	AFF CIV	AFF Total	Total Pops.	Land Area	Acres	Km²	Major Unit - Activity Function
<b>GENERAL PREVIEW (402)</b>									
CALIFORNIA	SAN FRANCISCO, PRESIDIO OF	3170	2817	3987	7098	2	2326	3	HQ/ADMIN/LETTERIN ARMY MED CTR
GEORGIA	ATLANTA FOREST PARK	1460	1687	3147	3500	4	Sub	7	PHOBLOM HQ
	ATLANTA FOREST PARK	414	524	938	1212	5	1509	4	HEADNESS REGION HQ
HAWAII	HONOLULU HONOLULU HONOLULU PEARL CITY	*	*	*	*	*	529	6	HOUSING & STORAGE
	HONOLULU HONOLULU HONOLULU PEARL CITY	2116	2157	4273	4292	3	2908	0	HEADQUARTERS & ADMIN
		*	*	1	1	6	319	2	FAMILY HOUSING
IDAHO	IDAHO FALLS AREA SUPPORT CTR	*	*	*	*	*	943	5	COMMUNITY SUPPORT
MANAWAHINE G. FORT	MANAWAHINE G. FORT	6750	1112	11662	13138	1	1367	1	HEADQUARTERS & ADMIN, NSA

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**DEPARTMENT OF DEFENSE  
ARMED FORCES  
MILITARY POLICE  
UNITED STATES ARMY  
FOR THE  
YEAR 1900**

UNITED STATES, BUREAUCRACY AND POSSESSIONS

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**UNCLASSIFIED**

DEPARTMENT OF DEFENSE  
AIR BASE STRUCTURE  
MISSION SUPPORT FORCES  
Military Installations Used By  
the U.S. Forces in Foreign Areas  
For 1980

Installation	City	Air Mili	Air Civ	AFTA Total Pur.	Total Pur.	Area Mark	Area Area	Major Unit-Activity-Function
<b>GERMANIA (402)</b>								
<b>CHIEURS AIR BASE</b>								
BREMENHAVEN	MONS	-	-	-	-	-	289	1 NATO SHAPE SUPPORT GROUP
GERMANY - FEDERAL REP OF								
BERGENHAFEN	BRUSSELS	-	-	-	-	-	461	4 US ARMY SUPPORT GROUP
BERLIN	BRUSSELS	-	-	-	-	-	94	7 TD. US EUROPEAN COMMAND
BREMEN								
HEILIGENHORN	BRUSSELS	-	-	-	-	-	41	6 HEADQUARTERS, USAFIR
HOHNE KIEMERBERG								
KALLENBACH	BRUSSELS	-	-	-	-	-	23	9 IND. CENTRAL ARMY GROUP (MA10)
KALLENBACH								
KALLENBACH	BRUSSELS	-	-	-	-	-	20	10 TD. KAISERSLAUTERN ARMY DEPOT
KALLENBACH								
KALLENBACH	BRUSSELS	-	-	-	-	-	119	6 US ARMY MAT & MGT CTR. EUROPE
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DEPARTMENT OF DEFENSE  
Air Force Institute  
MISSION SUPPORT FORCES  
Military Installations Used by  
the U.S. Forces in Foreign Areas  
FY 1980

Installation	City	Aeria			Land Area			Major Unit Activity-Function
		Afia Mil	Afia Civ	Total Pers	Rank	Airbus	Rank	
ITALY		*	*	*	*	*	149	5 HQ/QUARTERS, SETAF
CAMP FINCH	VICENZA	*	*	*	*	*		
CAMP FINCH	JAPAN							
SAGAMIHAMA	SAGAMIHAMA	792	381	1173	1173	2	584	3 HQ US FORCES, JAPAN/IX CORPS
YONGIN, K.N.	SEOUL	2910	2857	5757	5757	1	743	2 HQ, EIGHTH U.S. ARMY

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DEPARTMENT OF DEFENSE  
ARMY BASE INVENTORY  
COMBINED ARMY FORCES  
UNITED STATES  
FY 1980

Installation	City	Army Ft.	Army Civ.	Army Tot.	Total Pers.	Rank	Land Acres	Rank	Major Unit-Activity-Function
<b>ARMED SERVICES AND MAINTENANCE (4507)</b>									
ARADIA									
AMMUNITION ARMY DEPOT		48	2101	2149	5164	4	18080	15	LOGISTICS DEPOT
CORTEZ MILITARY AMMUNITION PLANT		*	*	*	*	*	2634	49	STORAGE
INDIANAPOLIS DEVELOPMENT WORKS		*	*	*	*	*	67	60	PRODUCTION-CHEMICAL (C) (1)
ARIZONA									
NAVAJO ARMY DEPOT ACTIVITY		2	111	113	154	51	28426	5	STORAGE
ARMED FORCES									
PINE BLUFF ARSENAL		73	959	1092	1105	29	14454	21	PRODUCTION
CALIFORNIA									
SACRAMENTO ARMY DEPOT	RENO, NV	323	612	935	948	33	97061	2	LOGISTICS DEPOT
RIVERDALE ARMY AMMUNITION PLI	RIVERDALE	2	14	16	180	50	1515	-11	PRODUCTION-PROJECTILES (C)
SACRAMENTO ARMY DEPOT	SACRAMENTO	15	2925	2948	3112	12	485	51	LOGISTICS DEPOT
SHANAH, NM/ DEPOT	SACRAMENTO	57	1436	1493	1651	24	221	-16	LOGISTICS DEPOT
TRACY DEPOT, TRACY	TRACY	13	1647	1661	1661	23	-13	52	LOGISTICS DEPOT
CONNECTICUT									
ROCKY MOUNTAIN ARSENAL	DENVER	27	377	404	404	41	17674	16	PRODUCTION-CHEMICAL
PUEBLO AREA DEPOT ACTIVITY	PUEBLO	5	876	881	919	34	24201	6	LOGISTICS DEPOT
CONNECTICUT, NEW ENGLAND PLANT	STRATFORD	5	197	207	3637	9	113	28	PRODUCTION ENGINES (C)
HAWAII									
KIPAPA AREA STORAGE SITE	WAHAMA	*	*	*	*	*	659	47	AMMUNITION STORAGE
ILLINOIS									
SAVANNA ARMY DEPOT ACTIVITY	CLINTON	4	562	568	671	37	13042	24	LOGISTICS DEPOT
JOINT ARMY AMMUNITION PLANT	JOINT	15	77	93	428	40	14313	22	PRODUCTION-MISC. AND (C) (1)
JOINT AREA PLANT APPAREL	JOINT	*	*	*	*	*	9138	29	AMMUNITION PLANT

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Lieutenant General Forces  
UNITED STATES  
for 1960

Installation	City	Army Hrs Civ	AFTA Tot	Total Per Cap.	Area Kms. <sup>2</sup>	Land Area Acres	Rank	Major Unit-Accivity-Function
KICK ISLAND ARSENAL	KICK ISLAND	309	7477	7/86	8661	1	907	44 R&D-PRODUCTION-TANK COMPONENTS
INDIANA INDIANA ARMY AMMUNITION PLANT ILLINOIS ARMY AMMUNITION PLANT	CIAULINGTON NEWPORT	2 12	269 7	16 231	1720 21	1220b 45	25 PRODUCTION-PROPELLANTS (C) 31 PRODUCTION-CHEMICAL (C) (1)	
IDAHO ARMY AMMUNITION PLANT	BUR利TON	2	62	64	1170	27	1914b	13 PRODUCTION-PROJECTILES (C)
PAPERS, STANFORD ARMY AMMUNITION PLANT ILLINOIS ARMY AMMUNITION PLANT	LAWRENCE MARSH	2	38	40	382 682	42 35	9544 13634	26 PRODUCTION-PROPELLANTS (C) (1) 23 PRODUCTION-MISC AMMO (C)
PENNSYLVANIA PENNSYLVANIA ARMY DEPO ACT PA. INDIANA ARMY DEPO ACTIVITY	LEXINGTON RICHMOND	165	1701	1806	20	15376	18 LOGISTICS DEPOT	
PENNSYLVANIA PENNSYLVANIA ARMY AMMUNITION PLT	SARASVOR	*	*	*	*	14974	19 PRODUCTION-PROJECTILES (C)	
PENNSYLVANIA PA. INDIANA TOPOGRAPHIC CTR	BIGONE MOUNT	43	2761	2709	2324	14	27	61 PROD OF MAPS & CHARTS (DMA)
PENNSYLVANIA PHILADELPHIA ARMY MISSILE PLANT PONTIAC BRIDGE FACILITY	PHILADELPHIA PONTIAC	137	1540	163	2403	16	304	53 PRODUCTION-LANCE MISSILES (C)
PENNSYLVANIA PA. INDIANA ARMY AMMO PLANT	NEW BRIGHAM	10	43	54	189	49	2389	10 PRODUCTION-MISC AMMO (C) (1)

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DEPARTMENT OF DEFENSE  
ARMED SERVICES STRUCTURE  
COMMITTEE ON MILITARY FORCES  
UNITED STATES  
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11 MICHIGAN STATE JOURNAL

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AFTAC Civ	AFTAC Loc	Total Pers.	Total Acres	Rank	Major Unit/Activity-Function
2	103	105	2055	16	3909 36 PRODUCTION-SMALL ARMS AMMO (C) 64 PRODUCTION-PROJECTILES (C) (1) 66 PRODUCTION-PROJECTILES (C) (1)
	1	1	16	55	
	1	1	16	55	
0	4	14	64	53	11963 26 PRODUCTION-PROJECTILES (C) (1)
5	750	865	* 568	32	14741 1 STORAGE AMMO 7876 42 LOGISTICS DEPOT AIR FORC
	*	*	*	*	
2	161	163	196	48	22120 4 STORAGE
9	818	1,277	1,277	26	10061 27 LOGISTICS DEPOT
	*	*	*	*	
	*	*	*	*	
2	1521	1523	3553	19	566 50 SURPLY STORAGE/DIST (IN A) 3 123 126 451 49 297 54 PRODUCTION-TAP COMPONENTS (1) 9 36 99 284 44 21419 54 PRODUCTION-MSC ARMS (C) (1)
1	900	913	1,086	30	14964 39 STORAGE - ARMS
2	274	262	19	19/29	10 LOGISTICS DEPOT

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DEFORCEMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CIVILIAN SUPPORT VEHICLES  
UNITED STATES  
FY 1960

Installation	City	Area			Area			Area			Area		
		AIA Hill	AIA CIV	AIA Total	Purc. for	Purc. Total	Rank	Acre	Rank	Acre	Rank	Acre	Rank
<b>PENNSYLVANIA</b>													
BITTERFIELD, ARMY DEPOT	CHAMBERLINS	111	5102	5213	5636	3	1911	11	LOGISTICS DEPOT				
NEW LIGNE, ARMY AND ARMY DEPOT	HARRISBURG	423	4121	4544	5149	5	833	45	LOGISTICS DEPOT				
REFINING, TRANSPORT SUPPORT CIV	PHILADELPHIA	125	3191	3316	3316	11	66	59	MANUFACTUR-CLINICING FACTORY (DLA)				
LEHIGH, AMMUNITION PLANT	PITTSBURGH	*	*	*	*	*	*	8	PRODUCTION-MISC AMMO (C, II)				
SOUTHERN ARMY AMMUNITION PLANT	SEWANEE	2	27	29	919	36	15	66	PRODUCTION-MISC FACILITIES (C)				
PENNSYLVANIA, ARMY DEPOT	SCHANTON	133	3773	3912	4161	0	1253	43	LOGISTICS DEPOT				
<b>MISSISSIPPI</b>													
VINCENT, 100% AMMUNITION PLT	CHATTANOOGA	*	7	7	219	47	7245	34	PRODUCTION-CHEMICALS (C, II)				
NEW ORLEANS, ARMY AMMUNITION PLANT	JACKSON	2	79	81	1404	25	22543	7	PRODUCTION-CARTRIGES (C)				
NEW YORK, ARMY AMMUNITION PLANT	KNOXVILLE	2	51	53	1125	28	6110	35	PRODUCTION-MISC AMMO (C)				
DETROIT, DEPT, MEMPHIS	MEMPHIS	17	2328	2345	2345	17	632	49	LOGISTICS DEPOT (OLA)				
DETROIT, MI + EQUIPMENT FAC.	ATCHISON	*	*	*	105	52	125	57	STORAGE-IND. EQUIPMENT (DLA)				
<b>TEXAS</b>													
SACRAMENTO, ARMY AIRCRAFT PLANT	FT WORTH	*	*	*	525	38	153	36	PRODUCTION-HELICOPTERIES (C)				
SAVANNAH, ARMY AMMUNITION PLANT	MARSHALL	2	49	51	1001	31	4493	30	PRODUCTION-MISC AMMO (C)				
TOLEDO, ARMY AMMUNITION PLANT	TEXARKANA	2	91	91	2047	19	15246	17	PRODUCTION-MISC AMMO (C)				
HOUSTON, ARMY DEPOT	TEXARKANA	74	3168	3168	6160	2	19081	14	LOGISTICS DEPOT (OFL)				
LAWRENCE, KS + EQUIPMENT ACTIVITY	SAN ANTONIO	*	*	*	*	*	41900	37	STORAGE-IND. STOCKS				
<b>WISCONSIN</b>													
DETROIT, DEPT, OGDEN	CEDAR	12	1652	1704	1704	22	1710	42	LOGISTICS DEPOT (DLA)				
DETROIT, ARMY DEPOT	DETROIT	76	3913	3995	4509	7	44092	4	LOGISTICS DEPOT				
DETROIT, ARMY DEPOT SOUTHL, ARKA, US MILIT	*	*	*	*	*	*	19364	12	STORAGE				
<b>VERMONT</b>													
CANON CITY, SALTATION	ALEXANDRIA	4928	4219	5077	5131	6	168	35	DEFENSE LOGISTICS AGENCY				
DETROIT, ARMY AMMUNITION PLANT	HAZELWOOD	6	203	209	2649	13	4101	36	PRODUCTION-PROBLEMS (C)				
DETROIT, ARMY SUPPORT CTR, KILLE	REEDSDALE	31	2318	2599	2599	15	647	48	PROBLEMS DEPOT (DLA)				
DETROIT, ARMY AMMUNITION PLANT	BALTIMORE	*	22	22	233	46	7411	33	PRODUCTION-EXPLOSIVES (C, II)				

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**ARMED ASSAULT TEAM**

REPORT OF OFFICE  
ARMED FORCES  
COMMITTEE  
1960

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DEPARTMENT OF DEFENSE  
ARMED SERVICES STRUCTURE  
UNITED STATES FORCES  
UNITED STATES  
FY 1980

Installation	City	AFIA Mil	AFIA Fiv	Total Per.	Karak	Landed At War Aircraft			Hawk	Phaser	Unit-Activity Function
						21	22	23			
III.1.1.1.1.2.3. STRUCTURES, FORT BENNING	MCGWEEY	17,21	14,10	29,31	3149	21	22	23	24	24	HELIUUTING COMPANY INC
III.1.1.1.1.2.4. FORT BENNING, FORT BENNING	INDIANAPOLIS	1,6,4	1,291	5,25	4125	16	2594	20	US ARMY INSTITUTE FOR ADMIN		
III.1.1.1.1.2.5. FORT BENNING, FORT BENNING	LAVERNOH	2,724	1,753	4,177	7195	19	5634	17	CMD & GENERAL STAFF COM: FORT		
III.1.1.1.1.2.6. FORT BENNING, FORT BENNING	LOUISVILLE	1,4547	4,425	15012	30687	2	10518	9	US ARMY TRAINING CENTER		
III.1.1.1.1.2.7. FORT BENNING, FORT BENNING SUPPORT ACTIVITY, FORT BENNING	AYER	5,458	1,604	7,062	9260	15	9,150	14	INTELLIGENCE TRAINING		
III.1.1.1.1.2.8. FORT BENNING, FORT BENNING	BOSTON	6	6	6	6	34	34	47	RESERVE COM-OFFICLT TRAINING		
III.1.1.1.1.2.9. FORT BENNING, FORT BENNING	JEFFERSON CITY	5,176	2,094	7,470	17030	6	6,6564	6	US ARMY TRAINING CENTER		
III.1.1.1.1.2.10. FORT BENNING, FORT BENNING	KENTON	2,167	2,415	7182	12972	11	21161	11	US ARMY TRAINING CENTER		
III.1.1.1.1.2.11. FORT BENNING, FORT BENNING	NEW YORK	5,46	598	1,144	1801	25	553	26	AIRMAN & LOGISTICAL SUPPORT		
III.1.1.1.1.2.12. FORT BENNING, FORT BENNING	NEW YORK	1,761	2,715	4,509	8013	17	1,167	14	CHIEFAIN STAFF		
III.1.1.1.1.2.13. FORT BENNING, FORT BENNING	NEW YORK	6	6	6	6	345	345	13	UNITS OF ACQUISITION AND		
III.1.1.1.1.2.14. FORT BENNING, FORT BENNING	NEW YORK	6	6	6	6	27	27	27	INVESTIGATING		
III.1.1.1.1.2.15. FORT BENNING, FORT BENNING	NEW YORK	6	6	6	6	28	28	43	RESERVE COMPONENT TRAINING (1)		

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DEPARTMENT OF DEFENSE  
ARMY EAST STRIKE FORCE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFIA		Total		Landed Area Acres	Major Units-Activity Functions
		Mil	Civ	Pers	Resd		
CA ALASKA DIA, FORT	LAWTON	16031	4528	15619	25324	5 126583	4 US ARMY FLD ARTILLERY CIRASCH
PA PENNSYLVANIA 1.AID FLT C-HRACKS	CAMERON ISLE	561	600	551	1206	27	12 US ARMY WAR COLLEGE
SD SOUTH DAKOTA FORT SPOOK, FORT	COLUMBIA	5347	2333	4660	19207	7 52550	9 US ARMY TRAINING CENTER
TX TEXAS FORT MILITARY PLANT, AAA RANKIES, NM SAN ANTONIO, FORT SAN ANTONIO, TX	EL PASO	16319	4320	20664	25725	4 11248.5 4 9926.4 1 1264 1 5136 1 2736 1 27860	1 AIR DEFENSE CENTER & SCHOOL 2 KAMAF 15 MILITARY TRAINING HQ 12 ARMY NATIONAL GUARD ACTIVITIES
VIA VIRGINIA FORT FORT MONMOUTH, NJ FORT MONMOUTH, NJ FORT MONMOUTH, NJ FORT MONMOUTH, NJ	ALABAMA PHOENIX	41516	4251	9109	11124	12 9239 22 1063 16 1104 6 124 1 1451 9 5620	13 US ARMY ENGINEER CENTER & SCH 21 INFANTRY ARTENS 16 TRANSPORTATION CENTER & SCHOOL 16 AMMUNIS & RC TRAINING (1) 16 US ARMY QUARTERMASTER CIRASCH

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## CIVILIAN ASSISTED

DEPARTMENT OF DEFENSE  
ARMED FORCES LOGISTICS  
CENTRAL SUPPORT FUNCTIONS  
MILITARY TRANSPORTATION FORCE  
U.S. AIR FORCE IN FOREIGN AREAS  
FY 1980

Installation	City	AFIA			Total Force	Manh. Avia.	Armed Forces Units	Other Unit Activity Function
		Mil.	Air	Total				
<b>US AIR FORCE AND MAINTENANCE UNITS</b>								
AMHERST	AMHERST, MASS.	0	0	0	0	0	0	0
ATLANTA	ATLANTA, GA	0	0	0	0	0	0	0
BALTIMORE	BALTIMORE, MD	0	0	0	0	0	0	0
BOSTON	BOSTON, MA	0	0	0	0	0	0	0
BROOKLYN	BROOKLYN, NY	0	0	0	0	0	0	0
CINCINNATI	CINCINNATI, OH	0	0	0	0	0	0	0
CLEVELAND	CLEVELAND, OH	0	0	0	0	0	0	0
DALLAS	DALLAS, TX	0	0	0	0	0	0	0
DETROIT	DETROIT, MI	0	0	0	0	0	0	0
FOXBORO	FOXBORO, MA	0	0	0	0	0	0	0
HARTFORD	HARTFORD, CT	0	0	0	0	0	0	0
HOLLYWOOD	HOLLYWOOD, FL	0	0	0	0	0	0	0
JACKSONVILLE	JACKSONVILLE, FL	0	0	0	0	0	0	0
KANSAS CITY	KANSAS CITY, MO	0	0	0	0	0	0	0
KNOXVILLE	KNOXVILLE, TN	0	0	0	0	0	0	0
LAWRENCE	LAWRENCE, KS	0	0	0	0	0	0	0
LEXINGTON	LEXINGTON, KY	0	0	0	0	0	0	0
MEMPHIS	MEMPHIS, TN	0	0	0	0	0	0	0
MILWAUKEE	MILWAUKEE, WI	0	0	0	0	0	0	0
MONTGOMERY	MONTGOMERY, AL	0	0	0	0	0	0	0
NEW ORLEANS	NEW ORLEANS, LA	0	0	0	0	0	0	0
NEW YORK	NEW YORK, NY	0	0	0	0	0	0	0
OKLAHOMA CITY	OKLAHOMA CITY, OK	0	0	0	0	0	0	0
PHILADELPHIA	PHILADELPHIA, PA	0	0	0	0	0	0	0
PORTLAND	PORTLAND, ME	0	0	0	0	0	0	0
PROVIDENCE	PROVIDENCE, RI	0	0	0	0	0	0	0
RIDGEWOOD	RIDGEWOOD, NJ	0	0	0	0	0	0	0
ROCKAWAY	ROCKAWAY, NJ	0	0	0	0	0	0	0
ROCHESTER	ROCHESTER, NY	0	0	0	0	0	0	0
SACRAMENTO	SACRAMENTO, CA	0	0	0	0	0	0	0
SEATTLE	SEATTLE, WA	0	0	0	0	0	0	0
SPRINGFIELD	SPRINGFIELD, MA	0	0	0	0	0	0	0
ST. LOUIS	ST. LOUIS, MO	0	0	0	0	0	0	0
ST. PETERSBURG	ST. PETERSBURG, FL	0	0	0	0	0	0	0
ST. VINCENT	ST. VINCENT, FL	0	0	0	0	0	0	0
TAHOE CITY	TAHOE CITY, NV	0	0	0	0	0	0	0
TEXAS CITY	TEXAS CITY, TX	0	0	0	0	0	0	0
TOLEDO	TOLEDO, OH	0	0	0	0	0	0	0
WICHITA	WICHITA, KS	0	0	0	0	0	0	0
WILMINGTON	WILMINGTON, NC	0	0	0	0	0	0	0
WISCONSIN	WISCONSIN, WI	0	0	0	0	0	0	0
WYOMING	WYOMING, WY	0	0	0	0	0	0	0
ZEPHYRHILLS	ZEPHYRHILLS, FL	0	0	0	0	0	0	0
<b>LOGISTICS UNITS</b>								
ATLANTA	ATLANTA, GA	0	0	0	0	0	0	0
BALTIMORE	BALTIMORE, MD	0	0	0	0	0	0	0
BOSTON	BOSTON, MA	0	0	0	0	0	0	0
BROOKLYN	BROOKLYN, NY	0	0	0	0	0	0	0
CINCINNATI	CINCINNATI, OH	0	0	0	0	0	0	0
CLEVELAND	CLEVELAND, OH	0	0	0	0	0	0	0
DALLAS	DALLAS, TX	0	0	0	0	0	0	0
DETROIT	DETROIT, MI	0	0	0	0	0	0	0
FOXBORO	FOXBORO, MA	0	0	0	0	0	0	0
HARTFORD	HARTFORD, CT	0	0	0	0	0	0	0
JACKSONVILLE	JACKSONVILLE, FL	0	0	0	0	0	0	0
KANSAS CITY	KANSAS CITY, MO	0	0	0	0	0	0	0
KNOXVILLE	KNOXVILLE, TN	0	0	0	0	0	0	0
LAWRENCE	LAWRENCE, KS	0	0	0	0	0	0	0
LEXINGTON	LEXINGTON, KY	0	0	0	0	0	0	0
MILWAUKEE	MILWAUKEE, WI	0	0	0	0	0	0	0
MONTGOMERY	MONTGOMERY, AL	0	0	0	0	0	0	0
NEW ORLEANS	NEW ORLEANS, LA	0	0	0	0	0	0	0
OKLAHOMA CITY	OKLAHOMA CITY, OK	0	0	0	0	0	0	0
PHILADELPHIA	PHILADELPHIA, PA	0	0	0	0	0	0	0
PORTLAND	PORTLAND, ME	0	0	0	0	0	0	0
PROVIDENCE	PROVIDENCE, RI	0	0	0	0	0	0	0
ROCHESTER	ROCHESTER, NY	0	0	0	0	0	0	0
SPRINGFIELD	SPRINGFIELD, MA	0	0	0	0	0	0	0
ST. LOUIS	ST. LOUIS, MO	0	0	0	0	0	0	0
ST. PETERSBURG	ST. PETERSBURG, FL	0	0	0	0	0	0	0
ST. VINCENT	ST. VINCENT, FL	0	0	0	0	0	0	0
TAHOE CITY	TAHOE CITY, NV	0	0	0	0	0	0	0
TEXAS CITY	TEXAS CITY, TX	0	0	0	0	0	0	0
WICHITA	WICHITA, KS	0	0	0	0	0	0	0
WILMINGTON	WILMINGTON, NC	0	0	0	0	0	0	0
WISCONSIN	WISCONSIN, WI	0	0	0	0	0	0	0
WYOMING	WYOMING, WY	0	0	0	0	0	0	0
ZEPHYRHILLS	ZEPHYRHILLS, FL	0	0	0	0	0	0	0

TOTAL ASSISTED

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DEPARTMENT OF DEFENSE  
ARMY PART SUPPLY TURT  
OF TOTAL IMPORTED TONNES  
MATERIALS INSTITUTIONS USED BY  
THE U.S. FORCES IN FOREIGN ARDS  
FY 1980

Installation	Landed						Major Unit-Activity Function
	AIA Hrs	AIA Civ	AIA Tot Perh	Total Parts	Mark Awards	Kmsk	
HILDECK ARDS FLEET ARMY DEPOT	*	*	*	*	*	*	25/4 1 LOGISTICS DEPOT
VIN RH AMI							
LUDWIGSHAFEN ARDS HILDECK FLEET ARMY DEPOT							
MAINZ ARCS MAINZ-ORTRANDWE DEPOT	*	*	*	*	*	*	56 18 IMACK VEHICLE REPAIR
TAUNUS							
DUISBURG ARDS MUELENBERG ARMY DEPOT	*	*	*	*	*	*	689 6 LOGISTICS DEPOT
EIA JIMA SAGAMI ISAKA	*	*	*	*	*	*	161 14 AMMUNITION STORAGE
NAKASIMA ADMINISTRATION DEPOT NAKASIMA MILITARY DEPOT							330 15 LOGISTICS DEPOT
PAUL RUEGENBUHL U. S. ARMY							
PUSAN TAE GUN	402 7,29	133 108	535 837	535 1	140 671	15	15 LOGISTICS DEPOT
WAKITA							
WAKITA ARMS DEPOT	*	*	*	*	*	*	6/2 1 DEPOT, TECHNICAL SITE

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DEPARTMENT OF DEFENSE  
ARMY ORGANIZATION  
DEFINITION OF SUPPORT FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
1 July 1960

KIRK'S PHYSICAL AND OTHER PERSONALITY. (500)

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Installation	City	AFTAA			Total Persons	Rank	Major Unit-Accivity-Function
		Off	Civ	AFTAA Tot			
Braunschweig Area BAD FREUDENACH HOSPITAL	BAD FREUDENACH	*	*	*	*	20	6 HEALTH CARE
Braunschweig Area BAUMHOFER HOSPITAL WILHELMIENHOF HOSPITAL	BAUMHOFER HOSPITAL	*	*	*	*	13	10 HEALTH CARE
RAIFERS	RAIFERS	*	*	*	*	13	2 HEALTH CARE
Friedberg Area FRIEDBERG HOSPITAL	FRIEDBERG	*	*	*	*	25	3 HEALTH CARE

## CHAPTER THREE

### NAVY BASE STRUCTURE

#### I. INTRODUCTION

The Navy Base Structure Annex to the Manpower Requirements Report for FY 1980 is submitted in compliance with Section 302, PL 94-361. The Annex consists of five sections in addition to the introduction. Section II, Base Structure Overview, discusses factors affecting the structure of the Navy Shore Establishment. Section III relates major Navy activities to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operations Costs, provides a summary table by major defense programs of those costs included in this category. Section V discusses the Navy's continuing appraisal of base operations costs. Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

It should be noted that most activities listed have multiple missions and that primary missions shown are not all inclusive. The personnel assigned to ships and aircraft squadrons which are homeported or assigned at a given activity have been included in personnel data provided in Section VI.

## II. BASE STRUCTURE OVERVIEW

The national military strategy of the United States is a forward strategy, driven by geographical considerations. The United States is characterized by its insular position on the North American continent, which has only two international borders, neither of which is threatened by a hostile force, and communicates with the rest of the world to the east, west, and south by way of two major oceans. One of the states and all of the territories for which the U.S. is responsible lie overseas. Additionally, the interdependent free-world economy depends increasingly upon the use of ocean shipping and access to the resources of the seas and sea bottoms. This forward strategy of the United States utilizes the oceans as barriers for the defense of the country, as military lines of communication with overseas allies, and as avenues of world trade.

The mission of the U.S. Navy, as set forth in Title 10, U.S. Code, is to be prepared to conduct prompt and sustained combat operations at sea in support of the U.S. national interests; in effect, to assure continued maritime superiority for the United States. This means that the U.S. Navy must be able to defeat, in the aggregate, potential threats to continued free use of the high seas by the United States.

The Navy carries out its mission within the framework of a national strategy, in joint coordination with the other Services and in combined planning with U.S. allies. This mission requires not only deployable forces capable of sustained operations at sea, but also a shore establishment capable of providing essential logistics support, including training and maintenance. The Navy bases ashore (operating bases, supply centers, shipyards, aircraft rework facilities, weapons stations, etc.), which support the fleet, must be located to ensure flexibility and responsiveness.

Based on the composition of the fleet, criteria have been established for homeporting specific units. These criteria define the number of bases and support capabilities required on each coast. An operational consideration of great importance is that as many ships as possible be overhauled in proximity to their homeports. This consideration, coupled with the types of ships to be maintained, results in criteria for maintenance facilities. Criteria utilized for fleet aircraft basing are to retain the minimum number of bases for programmed aircraft and to collocate carrier-based tactical and carrier-based ASW aircraft. Similarly, the size and composition of the fleet determine the types, numbers, and location of aircraft rework facilities, ordnance activities, weapons ranges, and other support facilities. Selected fleet training is provided

at fleet operating bases while other specialized education and training complexes support recruit training, specialized skill training, officer acquisition training, undergraduate flight training, etc. Whenever possible, initial skill training is provided in close proximity to acquisition training.

Operating bases are the heart of the Navy's shore facilities, providing deep water harbors with pier space and anchorages, cargo staging and loading areas, ship and aircraft depot maintenance and other support facilities. These operating bases provide aviation, supply, maintenance, medical and training support direct to the fleet. These bases are key distribution centers for both material and maintenance support. While they differ in size, all have the essential quality of being integrated and providing synergistic support to operating forces, i.e., ships and aircraft.

Since 1968, the fleet experienced significant reductions in both ships and aircraft. Consequently, the Shore Establishment has been realigned through a series of planned management actions to more appropriately support this reduced fleet. These actions have reduced the number of Active Ship Homeport complexes; aircraft basing complexes; Naval Shipyards; and Air Rework Facilities. Over the next few years as the mix and type of ships continue to change, fleet force levels are expected to increase over today's numbers. The changes in the number of ships, and to a lesser extent aircraft, coupled with the increase in physical size of the ships will again impact shore facilities which must reflect these changes. MILCON projects will be required to meet the additional demands imposed on the shore establishment by a changing fleet.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The function of the Navy's Shore Establishment is to provide effective, economical support to the fleet. Variations in the structure, composition or weaponry of the fleet affect the structure of the Shore Establishment as do technological advances or changes in training doctrine. Changes in deployment policy, political considerations in host countries, and resource availability are also included in the numerous factors affecting the Shore Establishment. In order to assess the impact of these variables, a continuing review of the structure and effectiveness of the Shore Establishment is required.

A brief discussion of the missions by Installation Defense Planning and Programming Category follows. A listing of the major activities within these categories is provided in Section VI.

#### STRATEGIC FORCES (100)

The Submarine Base, Bangor, Washington, is in a developmental status and is scheduled to be fully operational in August 1981. The Submarine Support Base, Kings Bay, Georgia, is in a developmental status with initial operational capability expected in July 1979.

#### GENERAL PURPOSE FORCES (200)

The two primary functions of the Navy are sea control and power projection. The forces fulfilling these functions are submarines, carriers with their assigned aircraft, other surface combatants and maritime patrol air forces. The high degree of logistic support required by these forces is provided by these "General Purpose" installations. Homeporting facilities for ships and aircraft, maintenance, logistic support and specialized training are representatives of the fleet support requirements met by these installations or activities which are their tenants.

The Reserve Air Stations support the Ready Reserve Air Squadrons.

### AUXILIARY FORCES (300)

The Navy Command and Control System provides the means to effectively exercise the operational direction of naval forces in peace and war. Its objectives are to ensure that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders are able to discharge their responsibilities by receiving sufficient, accurate and timely information on which to base their decisions and by having available the means to communicate these decisions to the forces involved. Effective control over its forces allows the Navy to operate on a coordinated basis in fulfilling its world-wide operational responsibilities.

Under the Chief of Naval Material, the Navy's RDT&E Community is organized on a center of excellence concept under which each activity is responsible for a given technological area. Technology will have an ever increasing impact on the development of a balanced force structure. The accelerating rate of technological improvements impacts on the nature of the future threat as well as the capabilities of naval forces.

### MISSION SUPPORT FORCES (400)

The primary functions of the Navy are sea control and power projection. These functions are performed by surface combatants with associated aircraft, submarines, maritime patrol air forces and amphibious forces. Navy amphibious task forces and Marine amphibious forces are a major, specialized element in the execution of the power projection function. All these forces require a high degree of logistic support ranging from homeporting facilities for ships and aircraft to weapons, maintenance and supply support. A broad range of fleet support requirements is provided by these installations. In addition, these activities provide logistic support to activities of the Naval Shore Establishment located in the same geographic complex.

The Reserve Training Centers support the Ready Reserve Forces.

### CENTRAL SUPPORT FORCES (500)

The Navy Medical Department, through a network of regional medical centers and associated hospitals and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries.

The Naval Education and Training Command is responsible for providing trained personnel to man and support the fleet. Included in this mission are recruit training, officer acquisition training, specialized skill training, flight training and professional development education. Additional data is available in the Military Manpower Training Report.

Logistics activities such as inventory control points and construction battalion centers provide specialized support to the fleet.

### INDIVIDUAL (600)

None.

#### IV. BASE OPERATIONS COSTS (BOC) FOR FY 1980

A summary of the estimated FY 1980 Base Operating Costs as defined in the Introduction follows.

**TABLE X**  
**MAJOR DEFENSE PROGRAMS**  
**NAVY BASE OPERATIONS COSTS (\$ MILLIONS)**

	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Overseas Areas</u>	<u>Total</u>
Strategic (01)	\$ 170.8	\$ -	\$ -	\$ 170.8
General Purpose(02)	1,343.7	147.4	564.1	2,055.2
Intell. & Comm. (03)	\$50.7	12.7	42.2	105.6
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	194.7	-	-	194.7
Research & Develop. (06)	333.1	-	2.4	335.5
Cent. Supply & Maint. (07)	629.9	6.6	14.0	650.5
Trng. Med. & Other Pers. (08)	773.4	13.1	56.1	842.6
Admin. & Assoc. (09)	142.9	-	-	142.9
Spt. of Other Nations (10)	-	-	-	-
<b>Total</b>	<b>\$3,639.2</b>	<b>\$179.8</b>	<b>\$678.8</b>	<b>\$4,497.8</b>

## V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS

The architecture of the Navy places the responsibility for executing Base Operations under the mission of each individual shore activity. To assist in this responsibility, major claimants perform a strong management role, and the staff of the Navy Department provides guidance and long term objectives. Consistent with the new standard definition for Base Operations, the Navy has established a central program manager for Base Operating Support (BOS). A framework to manage this program is being established consistent with the management system of the existing maintenance of real property (MRP) program to be responsive to the needs of the operating forces, and the requirements of OSD, OMB and Congress.

The MRP program involves a management technique which relates the condition of the Naval Shore Establishment to fleet readiness. Shore activities conduct a continuous inspection program which forms the basis for an annual assessment by major claimants of the Backlog of Maintenance and Repair (BMAR) and the significance of the BMAR with regard to readiness. In order to evaluate significance, facilities are divided into 18 discrete investment categories (IC), each with a different relation to readiness. The annual process further includes MRP program objectives by IC which are approved personally by the CNO and which form the basis for the funding levels contained in the programming and budgeting process. Analysis of the MRP requirements includes a statement of the funding levels required to perform the "minimum cost of ownership" and funding necessary to reduce the BMAR. This method is open, comprehensive, readiness sensitive, minimum funding oriented, understood by all levels, and responsive to the guidance of OSD.

It is around this MRP framework that a management system for the remaining portions of Base Operations is being developed.

### LONG-RANGE GOALS OF BASE OPERATIONS MANAGEMENT

To provide an adequate level of support at shore activities, with the minimum commitment of resources, to permit operating forces to perform their missions at a high level of readiness.

### MAJOR OBJECTIVES

Within the context of the parameters defined by the new standard definition for base operations and considering the initial stages of the Navy's overall total management of this

area, the following major objectives have been identified.

- To determine and provide funding alternatives for Base Operations program deficiencies at the shore activity level that detract from the Navy's ability to support the operating forces.
- To determine and provide funding alternatives for Base Operations program deficiencies in personnel support areas that directly impact the Navy's ability to retain quality personnel and that detract from the quality of life for all naval personnel.
- To recover from a long-term trend of depressed funding in the MRP which has resulted in marginal to poor facility conditions with potential for impact on readiness and adverse life cycle economics.
- To conform to the direction of Executive Order 12003 and reflect a reduction in energy consumption in the naval Shore Establishment.

The Base Operations of the Navy are directly related to the shape and size of the naval Shore Establishment which is directly related to the shape and size of the operating forces. The method of accomplishing the objectives in Base Operations is directed toward identifying the minimum resources required to adequately support the operating forces. Considering this direct overhead relationship, the objective of establishing a "minimum cost of ownership", and the unilinear architecture of the Navy, there are no alternative methods for accomplishing management improvement.

Shore Establishment Realignment (SER) studies are presently underway or have been recently concluded at 27 activities. When complete, the detailed studies will have evaluated two Recruit Training Commands, six Naval Hospitals, seven Naval Air Reserve Detachments, supply functions at three Naval Air Stations and nine other Naval activities. Approval of realignment recommendations from SER studies would result in a change of BOS at host activities, with an overall reduction of BOS costs anticipated.

SECTION VI

NAVY BASE STRUCTURE

TABLE XI  
SUMMARY OF NUMBER OF NAVY INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U. S. Territories and Possessions	Foreign Areas	Total
STRATEGIC FORCES				1
- Strategic (101)				
GENERAL PURPOSE FORCES				
- General Purpose (202)	35	4	7	46
- Guard & Reserve (205)	6			6
AUXILIARY FORCES				
- Intell. & Comm. (303)	21			
- Research & Develop. (306)	30			
MISSION SUPPORT FORCES				
- Strategic (401)	1			1
- General Purpose (402)	27	3	8	38
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	58	5	7	70
- Training, Medical, & Other Personnel (508)	69	1	3	73
TOTAL NAVY	248	18	40	306

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil	AFTA Civ.	AFTA Tot.	Total Parts	Land Area - Acres	Rank	Major Unit-Activity-Function
SUBSTRATE	WASHINGON	•	•	•	•	•	•	• SUBSTRATE BASE

STRATEGIC FORCES

WASHINGTON STATE LINE BASE, BANGOR  
BANGOR

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES

INSTITUTION	CITY	AFTA MIL.	AFTA CIV.	AFTA TST.	TOTAL PTRS	RANK	LAND-AIRCRAFT ACRES	RANK	MAJOR UNIT-ACTIVITY-FUNCTION
CALIFORNIA PURPOSE 1202)									
ALASKA NAVAL STATION, ADAK	ADAK	1686	165	1651	1651	16	5,448	6	PATROL AIRCRAFT
CAIT PHONIA AIR FACILITY, FL 33116-0 MAS-1, TELEONE MAS-1, NORTH ISLAND NAVAL OCEANIC & IMPERIAL BEACH, CA NAVAL OCEAN CLEMENTE, CA NAVAL OCEAN SAN CLEMENTE, CA MAS-1, MIKAMAR MAS-1, AMELIA FIELD NAU, AMELIA FIELD NAVAL AIR CROPS LANDING, CA	EL CENTENO LEMOGE SAN DIEGO IMPERIAL BEACH SAN CLEMENTE SAN DIEGO SAN FRANCISCO SAN JOSE PATTERSON	245 4615 22631 6 5224 5578 4622 6 6	269 743 8750 6 1065 6910 6622 687 6	514 5258 31381 6 1029 12468 5509 687 6	651 5399 34836 6 11516 14771 7668 666 6	16 10 1 6 5 4 9 8 7	21941- 29823 42722 7168 36200 22800 39008 7416	1 1 1 1 1 1 1 1 1	FLEET AIR TRAINING SUPPORT I IC ATTACK AIRCRAFT T EARLY WARNING/ASW AIRCRAFT, HARF OBTILITY-G FIELD AUXILIARY FIELD FIGHTER & ATTACK AIRCRAFT I SUPPORT AIRCRAFT, HARF PATROL AIRCRAFT AUXILIARY FIELD
FLORIDA MAS, JACKSONVILLE LAKE GEORGE TARGET, FL SEVENS LAKE TARGET, FL PHILIP TAMS, FL NEWMAN FARM, FL PRINCETON MANGE, FL MAS, CICLO FIELD NAVAL OCEAN TEMPESTE, FL MAS, KEY WEST	JACKSONVILLE CAMP Blanding DUSTYCH JACKSONVILLE AS108 JACKSONVILLE JACKSONVILLE KEY WEST	6565 6 6 6 6 6 6 6 6	4819 6 6 6 6 6 6 6 6	13492 6 6 6 6 6 6 6 6	19322 6 6 6 6 6 6 6 6	2 2 2 2 2 2 2 2 2	15466 23 2554 78 2693 5823 19224 2491 5219	1 34 26 31 25 25 15 27 21	PATROL & ASW AIRCRAFT, HARF TARGET TARGET TARGET TARGET TARGET ATTACK & ASW AIRCRAFT AUXILIARY TRAINING FIELD RECONNAISSANCE AIRCRAFT
HAWAII MAS, BARBERS POINT NAVAL AIR FORCE, HI NAVAL AIR FORCE, ISLAND, HI HAWAII ANG 151 AND, HI	IKONOLI, HI NIHAU HONOLULU MUDINE, HI	1299 6 6 6	304 6 6 6	3613 6 6 6	4216 6 6 6	12 6 6 6	32610 108 229 26777	9 29 28 11	PATROL AIRCRAFT TARGET AUXILIARY TRAINING FIELD TARGET
PACIFIC MAS	BRUNSWICK	3161	454	3615	3849	13	7250	18	PATROL AIRCRAFT

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NAVY BASE STRUCTURE  
WITH MAL FUMPOSE FORCES  
UNITED STATES  
ET ALIA

THE VIDA  
NAR. : FALCON  
Lands 15 to 16, 17, 18, 21.  
FALCON

**ATTACHMENT** 5 ATTACHE ELEC WARFARE AIRCRAFT  
**FAS. WILLIBY ISLAND** 2 RANGE  
**GUNNARUM PAGE, OM** 32 AUDITARY TRAINING FILE D  
**REC'D. 10/10/68** 30  
**REC'D. 10/10/68**

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
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DEPARTMENT OF DEFENSE

NAVY BASE STRUCTURE

GENERAL PURPOSE FORCES

UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1980

Installation	City	AFIA			Total Forces	Land Area Acres	Major Unit-Activity-Function
		Mil	Civ	AFTA For Pur.			
<b>GENERAL PURPOSE (1202)</b>							
NAS, AGANA NAVAL FACILITY, GUAM	AGANA, GUAM AGANA, GUAM	1927 111	134 111	2051 112	2074 2	2502 322	3 MATPOL, ELEC WARFARE AIRCRAFT 4 OCTOPAGRAPHIC RESEARCH
NAVAL STATION, MOOSESEYVILLE Roads NAVAL FLEET TRAINING AREA, RD	CTIBA VIENNES ISLAND	3035 674	3064 6	4468 1	37126 24715	1 OPERATING BASE 2 TRAINING	

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DEPARTMENT OF DEFENSE  
NAVAL BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military installations Handled by  
The U.S. Forces in Germany Areas  
FV 1960

Installation	City	Air MIL Civ	Air Forces Total Personnel	Air Force Mark Units	Land Air Force Units	Naval Units	Major Unit Activity Function
GENERAL PURPOSE (202)							
BERMUDA							
NAVAL AIR STATION, ST GEORGE	CUBA	1162	449	1611	1651	5	143/ 4 PATROL AIRCRAFT
NAVAL STATION, GUANTANAMO BAY	GUANTANAMO BAY UNTERSE	2013	744	2757	2457	3	28817 1 OPERATING BASE
NAVAL AIR STATION, Souda Bay	CRETE	*	*	*	*	95	6 NAVAL AIR/FLEET SUPPORT
NAVAL STATION, KEFLAVIK	ICELAND ITALY	3181	1025	4206	4244	1	23344 2 FLT SUPPORT/PATROL AIRCRAFT
NAVAL AIR FACILITY, SIGONELLA	SIGONELLA	2122	371	2493	2602	4	301 5 PATROL/FLEET AIRCRAFT

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
MILITARY INSTALLATIONS USED BY  
THE U.S. FARMS IN FOREIGN AIRCRAFT  
FY 1980

Installation	City	AFIA Mil	AFIA Civ	AFIA Total Pubs	Rank	Landed		
						Air Acros-	Air Acros-	Motor Unit-Acitivity-Function
JAPAN								
NAVAL AIR FACILITY, ATSUJI	ATSUJI	71B	629	1361	1382	6	4221	3 RECONNAISSANCE AIRCRAFT
PHILIPPINES								
NAVAL AIR STATION, CUBI POINT	CUBI POINT	29JZ	1101	4113	4167	2	•	ATTACK/ASW AIRCRAFT

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DEPARTMENT OF DEFENSE  
NAVY BALTIC STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot.	Total Purs.	Hawk	Land/ Afloat/ Across	Hawk	Major Unit-Activity-Function
INITIATIVE AND COMMUNICATIONS (303)									
ALASKA NAVAL SECURITY GROUP, ADAK	ADAK	530	3	533	562	3	7563	1	COMMUNICATIONS
CALIFORNIA NAVAL FACILITY, PT SUR NAVAL FAC. CATERVILLE BEACH NAVAL COMM STA. SAN DIEGO NAVAL SECURITY GP ACT. SKAGGS IS NAVAL COMM STA. STOCKTON	BIG SUR FERRIDALE SAN DIEGO SONOMA STOCKTON	110 249 169 240 531	17 20 24 25 440	127 269 213 305 971	19 326 240 313 971	48 48 14 11 3	16 16 9 9 5	OCEANOGRAPHIC RESEARCH OCEANOGRAPHIC RESEARCH COMMUNICATIONS COMMUNICATIONS COMMUNICATIONS	OCEANOGRAPHIC RESEARCH OCEANOGRAPHIC RESEARCH COMMUNICATIONS COMMUNICATIONS COMMUNICATIONS
UFT AWARE NAVAL FACILITY, LEWES	LEWES	108	17	125	126	20	364	11	OCEANOGRAPHIC RESEARCH
DIST OF COLUMBIA NAVAL PHOTOGRAPHIC CENTER NAVAL SECURITY STA. WASHINGTON	WASHINGTON WASHINGTON WASHINGTON	41 123 538	310 203 681	351 326 1219	365 326 1219	8 10 2	72 10 36	14 20 19	NAVAL OBSERVATORY PHOTOGRAPHIC SUPPORT COMMUNICATIONS
FLORIDA NAVAL SECURITY GROUP, HOMESTEAD	HOMESTEAD	399	48	447	447	6	815	8	COMMUNICATIONS
HAWAII NAVAL AREA MASTER STA. EPAC	HONOLULU	1452	228	1710	1710	1	2430	6	COMMUNICATIONS
MAINE NAVAL COMPT UNIT, BUTLER NAV SECURITY GP ACT. WINTER HARBOR	EAST RACHIAS WINTER HARBOR	113 342	101 55	214 397	214 444	15 7	2959 543	4 10	COMMUNICATIONS COMMUNICATIONS
PALAU NAVAL COMPT UNIT, WASHINGTON	CINCPAC-TENNAM	107	155	262	301	12	200	12	COMMUNICATIONS

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil	AFTA Civ	Total Fhrs	Work Hrs	Land- Area- Acres	Units	Major Unit-Activity-Function
<b>MISSISSIPPI NAVAL OCEANOGRAPHIC OFFICE</b>								
KIWAH CARMELA NAVAL FACILITY, CAPE HATTERAS	BURTON	154	2	156	156	16	58	15 OCEANOGRAPHIC RESEARCH
OREGON NAVAL FACILITY, CHOCOS HEAD	CHARLESTON	113	15	128	128	16	178	13 OCEANOGRAPHIC RESEARCH
VIRGINIA NAVY AREA MASTER STA LANT	HORNOFF K.	220	70	290	290	13	1497	7 COMMUNICATIONS
WASHINGTON NAVAL RADIO STATION, JIM CREEK HAWAII, PACIFIC BEACH	EVERETT PACIFIC BEACH	127	16	143	143	17	4862	2 COMMUNICATIONS 16 OCEANOGRAPHIC RESEARCH
<b>RESEARCH AND DEVELOPMENT (360)</b>								
CALIFORNIA PACIFIC MISSILE TEST CENTER	PT. MUGU	2405	4320	6725	63985	2	27034	2 NOISE AIR LAUNCHED WEAPONS
LAGUNA PEAK, CA	PT. MUGU	*	*	*	*	*	40	26 INSTRUMENTATION SITE
SAN NICOLAS ISLAND, CA	PT. MUGU	*	*	*	*	*	13370	3 RANGE INSTRUMENTATION
SANTA BARBARA ISLAND, CA	PT. MUGU	*	*	*	*	*	4	30 WEATHER STATION
SAHARA CRUZ ISLAND, CA	PT. MUGU	*	*	*	*	*	10	27 INSTRUMENTATION SITE
NAV PAC MISSILE RANGE FACILITY,	KEKAMA	129	52	181	559	17	2398	9 MISSILE FIRING RANGE
III SAN MIGUEL ISLAND, CA	PT. MUGU	*	*	*	*	*	3083	4 WEATHER STATION
NAVAL WEAPONS CTR, CHINA LAKE	RIDGECREST	853	3976	4829	5317	3	1093712	1 AIR WARFARE MISSILE SYSTEMS
NAVAL OCEAN SYSTEMS CENTER	SAN DIEGO	314	2852	3166	3566	6	3643	5 OCEAN TECHNOLOGY
CAPE TINTAGEL OF WALES, AK	WALES	*	*	*	*	*	649	16 SUPPORT SITE-OCEAN SYS CTR
ARIZONA FACILITY, A2	MARICOPA	*	*	*	*	*	1119	10 TEST FACILITY-OCEAN SYS CTR
NAV CLEAN SYSTEM CTR, ELECT LAB.	SAN DIEGO	*	*	*	*	*	3	31 NGO-ELECTRONICS
								1.A

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DEPARTMENT OF DEFENSE  
NAVY DANE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA MIL	AFTA CIV	AFTA Tot.	Total Fors.	Hawks	Land- Area- Acres	Major Unit-Activity-Function
DIST OF CHAMBERS NAVAL RESEARCH LABORATORY	WASHINGTON	38	3628	3666	3699	5	862	13 PHYSICAL SCIENCES RESEARCH
FLORIDA NAVAL COASTAL SYSTEMS LABORATORY	PANAMA CITY	268	672	940	1113	14	661	17 COASTAL REGION WARFARE
INDIANA NAVAL AVIONICS CENTER	INDIANAPOLIS	8	2165	2174	2374	10	167	21 AVIONICS REPAIR
MARYLAND U W TAYLOR NAV SHIP R&D CTR. NAVAL SHIP R&D CTR. ANNEAPOLIS,	BETHESDA ANNAPOLIS	13	1621	1641	1641	12	211	20 RAD-SHIP TECHNOLOGY
MD NAVAL AIR TEST CTR. PAX RIVER	LEATHERMAN PARK ST INGLES	3	963	968	968	15	113	24 RAD-SHIP TECHNOLOGY
MD WESTIN FIELD, MD	LEXINGTON PARK	3161	3091	6252	7302	1	6672	4 TAE AIRCRAFT SYSTEMS
MD CIRSAFE/NCE TRACKING SITE, MD	SILVER SPRING	*	*	*	*	*	965	12 TEST SITE
MD SURFACE WEAPONS CTR, MD OAK	SOLOMONS	53	2161	2234	2314	11	234	18 TRACKING SITE
MD SOMERHAMS FACILITY, MD	DARL GREEN	47	2086	2775	2947	6	1059	11 RAD-NAVAL WEAPONS
MD NAVAL SURFACE WEAPONS CTR, VA							861	15 TEST SITE
MD WICHITA	LAWRENCE THENTON	1216	2110	3348	4178	4	4321	7 RUT-ORDNANCE TECHNOLOGY
MD NAVAL AIR FMS CTR, LAKEMARSH NAVAL AIR PROFMU SLMN CENTER		8	564	602	602	16	73	5 AIRCRAFT LAUNCH/RECOVERY SYS 25 ENGINE T&E ACTIVITIES
MD NAVAL AIR DEVELOPMENT CENTER	WRIGHTSTEN	256	2159	2417	2647	9	631	15 AIRCRAFT TECHNOLOGY
RHODE ISLAND NAVAL UNDERWATER SYST CTR NAVAL UNDERPATATEK SYS DCV CTR, RI, NL	NEWPORT NEW LONDON	108	1524	1633	3198	7	215	19 UNDERSEA WARFARE R&D
RI TURK HILL LABORATORY, BD	BERMUDA SENECA MONTAUK	27	1297	1324	1476	13	152	23 RAD-UNDERSEA WARFARE
LAKE SENECA, NY FISH HRS ISLAND, NY		*	*	*	*	*	8	28 TEST SITE
		*	*	*	*	*	5	29 TEST SITE
		*	*	*	*	*	154	22 TEST SITE

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
ARMED FORCES  
UNITED STATES (IN)STITUTIONS AND POSSESSIONS  
FY 1986

Installation	City	AFIA		AFIA		Total Per.:	Rank	Area: Acres	Lands: Acres	Major Unit-Accivity-Function
		Mil.	Civ.	Tot.	Per.					
BALBOA GALETA ISLAND	BAVARIA ISLAND	1-18 46	58 4	206 50	214 50	4	1446 2566	2 COMMUNICATIONS 4 COMMUNICATIONS		
NANA OIN. GUAM	GUAM	1534	103	1637	1654	1	4804	1 COMMUNICATIONS		
PORCE SABANA SECA	PUERTO RICO SABANA SECA	308 254	126 64	434 358	507 358	2	2369 2617	3 COMMUNICATIONS 2 COMMUNICATIONS		

INTELLIGENCE AND COMMUNICATIONS (333)

NAVAL COMM STA. BALBOA NAVAL SECURITY GRP ACT. GALETA	CANAL ZONE	58	206	214	4	1446	2 COMMUNICATIONS	
NAV COMM AREA MASTEN STA. MP-10	GUAM	103	1637	1654	1	4804	1 COMMUNICATIONS	
NAVAL COMM STA. PUERTO RICO NAV SECURITY GRP. SABANA SECA	PUERTO RICO SABANA SECA	308 254	126 64	434 358	507 358	2	2369 2617	3 COMMUNICATIONS 2 COMMUNICATIONS

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
Military Installations Used by  
the U.S. Forces in Foreign Areas  
FY 1980

Installation	City	Af IA Maj	Af IA Civ	Af IA Tot	Fleet Pur's	Hark	Land Area Acres	Hark	Major Unit-Activity Function
<b>INTELLIGENCE AND COMMUNICATIONS (303)</b>									
NAVAL FACILITY, ANTIGUA	ANTIGUA	112	4	112	145	12	132	10	OCEANOGRAPHIC RESEARCH
NAV COMMUNICATIONS STA. EQUATOR	EQUATOR	316	223	599	599	2	16159	1	COMMUNICATIONS
NAVAL FACILITY, ELEUTHERA	ELEUTHERA	137	60	197	214	6	307	3	OCEANOGRAPHIC RESEARCH
NAVAL FACILITY, BERMUDA	ST GEORGE	167	2	169	172	10	17	2	OCEANOGRAPHIC RESEARCH
NAVAL FACILITY, ASCENSION	ARGENTIA, N.LAND	312	136	490	510	4	9666	2	OCEANOGRAPHIC RESEARCH

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DEPARTMENT OF DEFENSE  
NAVY DATE STRUCTURE  
AUXILIARY FORCES  
Military Installations Used by  
the U.S. Forces in Foreign Areas  
FEB 1960

Organization	City	AIA Plt Ltr	AIA Tut	Area Func Type	Area Func Rank	Lens Area	Unit - Activity - Function
SUB ECT							
NAV COMM STA. NEA MAKRI	NEA MAKRI	332	123	455	455	7	495 COMMUNICATIONS
NAVCAMS. MEDITERRANEAN	JAPAN	410	79	489	489	6	15 "COMMUNICA" OHS
NAVAL COMM FAC. OKINAWA NAV COMM STA. YOKOSUKA	OKINA WA YOKOSUKA	550	4	552	552	3	6 COMMUNICATIONS
PHILIPPINES	SAN MIGUEL	368	139	507	507	6	142 COMMUNICATIONS
NAV COMM STA. SAN MIGUEL	SAN MIGUEL	368	139	507	507	6	142 COMMUNICATIONS
NAV COMMUNICATIONS STA. NOTA	NOTA	1108	13	1121	1121	1	152 COMMUNICATIONS

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AMERICAN FORCES  
Military Installations Used By  
the U.S. Forces in Far East, Africa  
FY 1960

Installation	City	Armed Forces				Landed Forces				Major Unit-Activity-Function			
		AfIA Mil	AfIA Civ	AfIA Total	Pers	Arms Navy	Arms Air	Arms Army	Arms Marine	Arms Navy	Arms Air	Arms Army	Arms Marine
THREE ARMED FORCES													
NAVAL FACILITY, ISLAND TURK	GRANADA TURK	116	40	156	116	11	11	11	11	11	11	11	
NAVAL SECURITY GP ACT. COPIELL	FORT SCOTT AND TRINIDAD, SCOTT AFB	126	53	179	172	9	9	413	7 COMMUNICATIONS	250	6 COMMUNICATIONS		

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	Personnel				Land Area: Acres	Major Unit-Activity Function
		AFF Mil	AFF CIV	AFF Tot.	Non-AFF Per Cap.		
<b>STRATEGIC (401)</b>							
SOUTHERN CALIFORNIA NAVAL WEAPONS STA. CHARLES TON	CHARLESTON	3857	1203	5060	1001	1 1661	1 WEAPONS SYSTEMS SUPPORT
<b>GENERAL PURPOSE (462)</b>							
CALIFORNIA NAVAL AMPHIB BASE, CORONADO NAV SUPPORT ACT, LOS ANGELES NAV COMUS, BN CIR, PT MURRAY ME NAVAL STATION, SAN DIEGO NAV SNS SUPPORT FAC, SAN DIEGO NAVAL SURVEY ACT, TREASURE IS	CORONADO LONG BEACH PORT HUENEME SAN DIEGO SAN DIEGO SAN FRANCISCO	3176 1135 5015 3555 5663 1149	239 416 3793 2493 1566 686	3517 1051 6808 5988 7451 1635	1472 1834 10337 6905 7479 2407	13 19 5 6 6 17	4046 1154 2458 1173 307 1087
CHINESE RIVER NAV. BASE, NEW LONDON	CHOTOM	13211	1627	14216	10634	2	1088
DIST OF CIV MILIA WASHINGTON NAVY YARD	WASHINGTON	4211	4036	6247	6671	9	542
FLORIDA STATION, MAYPORT	MAYPORT	13144	697	13641	14018	4	3515
HAWAII NAVAL SHIP HSE, PEARL HARBOR NAVAL STATION, PEARL HARBOR PEARL HARB. AIR PEARL CITY FONTE ISLAND, HI FOUNTAIN HILL FOUNTAIN HILL PEARL CITY PEARL CITY	HONOLULU HONOLULU ALEA PEAHN, CITY PEAHN, CITY PEAHN, CITY ALEA PEARL CITY	2324 12931 • • • • • •	260 1396 • • • • • •	2364 14327 • • • • • •	4722 14346 • • • • • •	15 3 • • • • • •	103 13 46 40 189 400 17 108 320
<b>OPERATING (463)</b>							
<b>SHIPPING (464)</b>							
<b>ADMINISTRATIVE (465)</b>							
<b>OPERATING BASE (466)</b>							
<b>OPERATING FORCE &amp; SUPPORT (467)</b>							
<b>INTERNATIONAL SUPPORT (468)</b>							

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
MISSION SUPPORT FACILITIES  
UNITED STATES  
FY 1980

Installation	City	AFA Mil.	AFA Civ.	AFA Tot	Total Funds Param.	Land Acres	Arcus Hdcs.	Major Unit & Activity From 1001
LOUISIANA NAVAL SUPPORT ACT, NEW ORLEANS	NEW ORLEANS	2031	1447	3478	3916	14	412	16 FILE ISLAND ESTABLISHMENT 3P1
MISSISSIPPI NAV CONS BN CTR, GULFPORT	GULFPORT	2982	530	3532	4755	12	5177	7 CONSTRUCTION FOR 2 SUPPORT
NEW YORK NAVAL SUPPORT ACT, BROOKLYN PITTSF LD PARK, NY	BROOKLYN ULTR PARK	2921	434	3355	3400	16	139	23 FILE ISLAND ESTABLISHMENT 3P1
OHIO NAVAL FINANCE CIN, CLEVELAND	CLEVELAND	61	1411	1472	1478	20	38	28 ADMINISTRATIVE SUPPORT - FINANCIAL
PENNSYLVANIA NAV SUPPORT ACT, PHILADELPHIA	PHILADELPHIA	3621	2223	5844	6927	11	921	13 FILE ISLAND ESTABLISHMENT 3P1
SOUTH CAROLINA NAVAL STATION, CHARLESTON	CHARLESTON	16412	12021	28433	28720	1	1103	14 OPERATING BASE
VIRGINIA NAVAL AIRFIELD BASE, LITTLE CREEK MID-OCEANIC ISLAND, MD NAVAL STATION, NORFOLK	NORFOLK CHOCOKEE NORFOLK	4842	851	5793	7384	7	2124	3 AMPHIBIOUS WARFARE SUPPORT
WASHINGTON NAVAL AIRFIELD ACT, SEATTLE	SEATTLE	1245	764	1999	2093	18	21	20 FILE ISLAND ESTABLISHMENT 3P1

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
1 July 1980

Installation	City	AFIA			Total Force	Area Force	Land Area Force	Major Unit-Activity-Function
		AFFA Mil	AFFA Civ	AFFA Tot				
<b>GENERAL PURPOSE (462)</b>								
NAVAL SUPPORT ACT, CANAL ZONE	RODRIGUEZ	155	173	328	769	2	10653	2 LOGISTIC SUPPORT
NAVAL STATION, GUAM	GUAM	456	617	1103	1103	1	20667	1 FLEET SUPPORT
NAVAL STATION, MIDWAY	MIDWAY ISLAND	235	0	235	340	3	1471	3 FLEET SUPPORT

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
MISSION SUPPORT FORCES  
Military Installations Used By  
Units of 5 Forces in Forward Areas  
as of 31 December 1980

Installation	City	AFIA		Total		Reservists	Naval Activity-Function
		Mil	Civ	Total	Per cent		
<b>GENERAL PURPOSE (402)</b>							
NAVAL SUPPORT FACILITY	DIEGO GARCIA	1432	2	1434	1434	6	7000 2 SUPPORT ACTIVITIES
NAVAL SUPPORT ACT. LA MADDALENA	LA MADDALENA	152	51	203	203	2	5 5 SUBMARINE SUPPORT
NAVAL SUPPORT ACTIVITY, NAPLES	NAPLES	2341	743	3060	3126	2	166 3 FLEET SUPPORT
NAVAL FLEET ACTIVITY, YOKOSUKA	YOKOSUKA	960	1034	1994	1994	4	354? 4 FLEET SUPPORT
NAVAL STATION, SUBIC BAY	SUBIC BAY	947	471	1418	1616	5	1393? 1 OPERATING BASE

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
MISSION SUPPORT FORCES  
Military Installations Used by  
the U.S. Forces in European Areas  
FY 1980

Installation	City	AFIA		AFTA		Total Forces	Navy Forces	Land Army Forces	Air Force Forces	Major Unit-Activity-Function
		Mil	Civ.	Mil	Civ.					
SPAIN		3446	229	3675	3826	1	6623	3	OPERATING/AIR BASE	
NAVAL STATION, ROTA	ROTA									
	UNITED KINGDOM									
NAVAL SUPPORT ACT, HOLY LOCH	DUNOON, SCOTLAND	2925	12	2957	2957	3	15	6	FLEET SUPPORT	
NAVAL SUPPORT ACT, LONDON	LONDON	607	135	742	742	7	6	7	FLEET, SHORE ESTAB. SUPPORT	

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil	AFTA Civ.	AFTA Tot.	Total Parts	Rate	Land Area Acres	Rank	Major Unit-Accivity-Function
<b>CENTRAL SUPPLY AND MAINTENANCE (507)</b>									
CALIFORNIA									
NAVAL AFMNS STA, CONCORD	CONCORD	752	1129	1881	1923	21	12947	3	ORDNANCE SUPPORT
LONG BEACH NAVAL SHIPYARD	LONG BEACH	45	7359	7404	7672	7	350	35	SHIP ALTERATIONS&REPAIR
NAVAL SUPPLY CTR, OAKLAND	OAKLAND	754	2537	1293	3570	13	1053	22	SUPPLY SUPPORT
NAVAL PUBLIC WMS CTR, S FRAN	OAKLAND	11	1081	1102	1102	24	696	28	FACILITIES SUPPORT
NAVAL IND RESERVE PLANT	POMONA	"	"	"	"	"	165	43	MISSILE SYSTEMS (C)
NAVAL SUPPLY CTR, SAN DIEGO	SAN DIEGO	818	1815	2633	2167	17	872	26	SUPPLY SUPPORT
NAVAL FUEL DEPOT, SAN PEDRO, CA	SAN PEDRO	"	"	"	"	"	330	36	STORAGE-FUELS
NAVAL PUBLIC WMS CTR, SAN DIEGO	SAN DIEGO	3	1033	1036	1036	26	149	19	FACILITIES SUPPORT
HIMIERS POINT NAVAL SHIPYARD	SAN FRANCISCO	"	"	"	"	"	962	23	SHIP REPAIR (1)
NAVAL AFMNS STA, SEAL BEACH	SEAL BEACH	339	1905	2244	2522	16	13960	2	ORDNANCE SUPPORT
MARE ISLAND NAVAL SHIPYARD	VALLEJO	1964	10061	14025	14277	1	5695	10	SHIP ALTERATIONS&REPAIR
CONNECTICUT	BLOOMFIELD	"	"	"	"	"	85	80	PRODUCTION-HELICOPTERS (C)
NAVAL AFMNS IND RESERVE PLT									
FLORIDA	JACKSONVILLE	"	"	"	"	"	181	42	SIGHTAGE-FUELS
NAVAL FUEL DEPOT, JACKSONVILLE	PENSACOLA	"	"	"	"	"	243	40	FACILITIES SUPPORT
NAV PUBLIC WMS CTR, PENSACOLA	WEST PALM BEACH	"	"	"	"	"	400	34	STORAGE-AIRCRAFT PARTS (C)
HAWAII									
PEARL HARBOR NAVAL SHIPYARD	HONOLULU	266	6466	6762	6762	6	117	47	SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, PEARL HARBOR	HONOLULU	39	703	738	760	28	840	27	SUPPLY SUPPORT
NAVAL MAGAZINE, LUALUALEI	HONOLULU	276	174	450	450	32	12004	4	ORDNANCE SUPPORT
KOLE KOLE PASS, HI	WAIPAHU	"	"	"	"	"	31	34	LOGISTICS SUPPORT
WAIPALE, HI	WAIPAHU	"	"	"	"	"	522	36	LOGISTICS SUPPORT
WEST LOCH, HI	WAIPAHU	"	"	"	"	"	10273	8	AMMUNITION STORAGE
WAIPIO PENINSULA, HI	WAIPAHU	"	"	"	"	"	2691	13	AMMUNITION STORAGE
LOWEN KIPAPA, HI	WAIPAHU	"	"	"	"	"	40	52	LOGISTICS SUPPORT
NAV FMW WMS CTR, PEARL HARBOR	PEARL HARBOR	12	1621	1632	1632	23	2115	15	FACILITIES SUPPORT

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA			Total Pur.	Rank	Land- Area- Acres	Major Unit-Activity-Function
		AFTA Mil.	AFTA CIV	AFTA Tot.				
ILLINOIS NAV PUBLIC WKS CTR, G LAKES	NORTH CHICAGO	11	625	636	691	29	540	29 FACILITIES SUPPORT
INDIANA NAV WEAPONS SUPPORT CTR, CRANE NAVAL IND RESERVE ORDNANCE PLT	CRANE MISAWAKA	55	3675	3630	3038	12	67509 26	1 WEAPONS SYSTEM & ORDNANCE SPT 55 MISSILE SUPPORT (C)
KENTUCKY NAV ORDNANCE STA, LOUISVILLE	LOUISVILLE	7	2507	2514	3513	19	129	45 ORDNANCE SUPPORT
MAINE NAVAL INDUSTRIAL RESERVE PLANT	SOUTH BRISTOL	-	-	-	-	-	15	57 TEST FACILITY
MARYLAND NAVAL IND RESERVE ORDNANCE PLT NAV ORDNANCE STA, INDIAN HEAD	CUMBERLAND INDIAN HEAD	545	2124	2069	3099	14	1577 3448	18 R&D-PROPELLANTS (C) 12 ORDNANCE SUPPORT
MASSACHUSETTS NAVAL WEAPONS IND RESERVE PLT NAVAL IND RESERVE ORDNANCE PLT	BEDFORD PITTSFIELD	-	-	-	-	-	42 32	61 RD-MISSILES & AIRCRAFT (C) 53 PRODUCTION-MSL COMPONENTS (C)
MINNESOTA NAVAL INDUSTRIAL RESERVE PLANT	ST PAUL	-	-	-	-	-	15	57 PRODUCTION-ELECTRONIC EQUIP(C)
NEW HAMPSHIRE PORTSMOUTH NAVAL SHIPYARD	PORTSMOUTH	1051	7623	6674	8746	5	286	36 SHIP ALTERATION & REPAIR
NEW JERSEY NAVAL WEAPONS STA, EARL	COLD IS. NECK	909	629	1518	2074	20	11165	5 ORDNANCE SUPPORT
NEW MEXICO NAVAL ORDNANCE MSL TEST FAC	DONA ANA	-	-	-	-	-	112	46 MISSILE TEST RANGE

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FEB 1980

Installation	City	AFFA Mil.	AFFA Civ.	Total Pers.	Rank	Land Area Acres	Rank	Major Unit-Activity-Function
NEW YORK								
NAVAL WEAPONS IND RESERVE PLT	BETHLEHEM	*	*	*	*	120	46	PRODUCTION-AIRCRAFT & PARTS (C)
NAVAL WEAPONS IND RESERVE PLT	CALVERTON	*	*	*	*	6951	9	PRODUCTION-AIRCRAFT (C)
NAVAL IND RESERVE ORDNANCE PLT	ROCHESTER	*	*	*	*	12	58	PRODUCTION-FUSES - C
OHIO								
NAVAL WEAPONS IND RESERVE PLT	COLUMBUS	*	*	*	*	402	33	PRODUCTION-AIRCRAFT (C)
PENNSYLVANIA								
NAVY SHIPS PARTS CONTROL CTR	Mechanicsburg	162	4870	5030	10	874	25	INVENTORY CONTROL POINT
PHILA/PHLIA NAVAL SHIPYARD	PHILADELPHIA	209	6184	2795	9155	4	24	SHIP ALTERATION & REPAIR
NAVAL AVIATION SUPPLY OFFICE	PHILADELPHIA	152	572	5804	6804	6	133	INVENTORY CONTROL POINT
RHODE ISLAND								
NAV CONST BN CTR, DAVISVILLE	NORTH KINSTOWN	19	228	246	628	30	1284	21 MAINTENANCE & STORAGE (C)
SOUTH CAROLINA								
CHARLESTON NAVAL SHIPYARD	CHARLESTON	33	7908	4001	8153	6	1808	16 SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, CHARLESTON	CHARLESTON	98	942	1047	1065	25	195	41 SUPPLY SUPPORT
TEXAS								
NAVAL WEAPONS IND RESERVE PLT	BROWNSVILLE	*	*	*	*	*	103	48 PRODUCTION-MSL COMPONENTS (C)
NAVAL WEAPONS IND RESERVE PLT	DALLAS	*	*	*	*	*	315	37 PRODUCTION-AIRCRAFT PARTS (C)
NAVAL WEAPONS IND RESERVE PLT	MCNEELEY	*	*	*	*	*	10750	7 PRODUCTION-ROCKET MOTORS (C)
UAR								
NAVAL IND RESERVE ORDNANCE PLT	HAWAII	*	*	*	*	*	906	31 PRODUCTION-MISSILE PARTS (C)
VIRGINIA								
NAVAL WEAPONS STA, YORKTOWN	NEWPORT NEWS	1171	1861	4034	3049	16	10811	6 ORDNANCE SUPPORT
NAVY MUNIC WKS CTR, NORFOLK	NORFOLK	16	1680	1896	1896	22	474	32 FACILITIES SUPPORT
NAVAL SUPPLY CTR, NORFOLK	NORFOLK	443	3925	4368	4368	11	2660	14 SUPPLY SUPPORT
NAVAL MUNIC SHIPYARD	PORTSMOUTH	560	11100	11660	12663	2	1309	20 SHIP ALTERATIONS & REPAIR

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**DEPARTMENT OF DEFENSE**  
**NAVY BASIC STRUCTURE**  
**CENTRAL SUPPORT FORCES**  
**UNITED STATES**  
**FY 1980**

Installation	City	AFTA Mil.	AFTA CIV	AFTA For.	Total Pers.	Land Area Acres	Mark	Major Unit-Activity-Function
		Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	17 SHIP ALTERATION & REPAIR 39 SUPPLY SUPPORT 41 UNDERWATER WEAPONS SUPPORT
<b>TRAINING, MEDICAL AND OTHER PERSONNEL (306)</b>								
WASHINGTON	BREMERTON	162	10588	10950	11044	3	1506	17 SHIP ALTERATION & REPAIR
PHL 1 SOUTHERN NAVAL SHIPYARD	BREMERTON	61	502	563	617	31	264	39 SUPPLY SUPPORT
NAVAL SUPPLY CTR, PUGET SOUND	KELLOGGT	322	2496	2818	3024	15	4077	41 UNDERWATER WEAPONS SUPPORT
NAV INDEMNITY WARFARE ENCL STA								
WASHINGTOM								
PHL 1 SOUTHERN NAVAL SHIPYARD								
NAVAL MED CTR, LONG BEACH								
NAVAL PURSUIT GRADUATE SCHOOL	LONG BEACH	449	395	614	654	27	65	34 HEALTH CARE
NAVAL MED CTR, OAKLAND	MONTGOMERY	1598	818	2416	3779	11	640	32 PROFESSIONAL DEVELOPMENT
NAVAL MED CTR, C PERIOD ETION	OAKLAND	1162	616	1798	1903	20	191	47 HEALTH CARE
NAVAL TRAINING CTR, SAN DIEGO	OCEAN SIDE	737	737	1100	1100	24	339	41 HEALTH CARE
FLEET ASW TRAINING CTR, SAN DIEGO	SAN DIEGO	2332	504	2846	11860	5	356	26 RECRUIT & SKILL TRAINING
FLEET COMBAT TRAINING CTR, PAC	SAN DIEGO	2187	92	2299	3642	13	277	63 ASM TRAINING
NAVAL MED CTR, SAN DIEGO	SAN DIEGO	554	300	440	1321	22	611	50 SPECIALIZED TRAINING
NAVAL MED CTR, SAN DIEGO	SAN DIEGO	1819	911	2730	3342	14	65	32 HEALTH CARE
FLORIDA	JACKSONVILLE	649	277	26	1126	23	74	53 HEALTH CARE
NAVS. WHITING FIELD, JACKSONVILLE	JACKSONVILLE	2314	533	2667	447	8	11229	2 FLIGHT TRAINING
NAVAL OLF PAGE, FL	MILTON	*	*	*	*	*	*	46 AUXILIARY TRAINING FIELD
NAVAL OLF MARSH, FL	MILTON	*	*	*	*	*	*	573
NAVAL OLF BRENTON, FL	MILTON	*	*	*	*	*	*	31 AUXILIARY TRAINING FIELD
NAVAL OLF MIDDLETON, AL	COMECCUT CO	*	*	*	*	*	*	352
NAVAL OLF BARIN, AL	BALDWIN	*	*	*	*	*	*	40 AUXILIARY TRAINING FIELD
NAVAL OLF MONTE, AL	BALDWIN	*	*	*	*	*	*	968
NAVAL OLF HOLLOWELL, FL	SANTA ROSA	*	*	*	*	*	*	25 AUXILIARY TRAINING FIELD
NAVAL OLF SITE 6, FL	ESCARPIA	*	*	*	*	*	*	1236
NAVAL OLF SPENCER, FL	SANTA ROSA	*	*	*	*	*	*	21 AUXILIARY TRAINING FIELD
NAVAL OLF DA, FL	ESCARPIA	*	*	*	*	*	*	479
NAVAL OLF SANTA ROSA, FL	SANTA ROSA	*	*	*	*	*	*	1260
NAVAL OLF SANTA ROSA, FL	ORI AMDO	11426	1628	13054	21470	2	2063	22 AUXILIARY TRAINING FIELD
NAVAL AIRCRAFT MED CTR, PENSACOLA	PENSACOLA	451	294	705	706	31	42	32 AUXILIARY TRAINING FIELD
NAVAL AIRCRAFT MED CTR, PENSACOLA	PENSACOLA	7617	6061	11128	12620	4	4235	4 FLIGHT TRAINING, MARF
NAVAL OLF HAMPTON, FL	ESCARPIA	*	*	*	*	*	*	1730
NAVAL OLF FAIRLEIGH, AL	BALDWIN	*	*	*	*	*	*	282
NAVAL OLF CANAL, FL	PENSACOLA	*	*	*	*	*	*	552
NAVAL OLF CHOCITA, FL	SANTA ROSA	*	*	*	*	*	*	600

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land- Area-Acres	Rank	Major Unit-Activity-Function
NAVAL OLF 4A, FL	ESCAMBIA	*	*	*	*	*	314	42	AUXILIARY TRAINING FIELD
NAVAL OLF SILVER HILL, AL	BALDWIN	*	*	*	*	*	749	27	AUXILIARY TRAINING FIELD
NAVAL OLF SANFLEY, FL	PENSACOLA	*	*	*	*	*	3541	9	AUXILIARY TRAINING FIELD
NAVAL OLF KINGS, AL	BALDWIN	*	*	*	*	*	2880	12	AUXILIARY TRAINING FIELD
NAVAL OLF MAGNOLIA, AL	BALDWIN	*	*	*	*	*	728	29	AUXILIARY TRAINING FIELD
NAVAL OLF SUMMERSDALE, AL	BALDWIN	*	*	*	*	*	1685	19	AUXILIARY TRAINING FIELD
NAVAL OLF KAISER, AL	BALDWIN	913	214	1147	3020	10	304	43	AUXILIARY TRAINING FIELD
NAVAL TECH TWO CTR, CORRY STA	PENSACOLA	254	411	665	665	32	477	39	SPECIALIZED TRAINING
NAV E&TEC PGH PRO DEV CTR, ELLYSON	PENSACOLA						608	34	TRAINING PROGRAM DEVELOPMENT
GEORGIA NAVY SUPPLY CORPS SCHOOL	ATHENS	67	62	149	470	37	58	55	SKILL TRAINING
ILLINOIS NAVAL R&D CTR, NORTH CHICAGO NAV R&D MED CTR, G LAKES	NORTH CHICAGO NORTH CHICAGO	2964	1783	4751	18065	3	1026	24	RECRUIT & SKILL TRAINING
		796	235	1031	1550	21	65	52	HEALTH CARE
HAWAII U.S. NAVAL ACADEMY NAIHON NAVAL MEDICAL CENTER	ANNAPOULIS BETHESDA	920	1770	2690	7183	7	1721	16	OFFICER ACQUISITION TRAINING
		1602	1776	3376	3663	12	243	45	HEALTH CARE
MISSISSIPPI NAE, MERIDIAN NAVAL OLF BRAVO, MS NAVAL OLF ALPHA, MS	MERIDIAN KEMER LAUDERDALE	1482	416	1903	2755	16	13508	1	FLIGHT TRAINING
		*	*	*	*	*	4337	7	AUXILIARY TRAINING FIELD
		*	*	*	*	*	1785	16	AUXILIARY TRAINING FIELD
NORTH CAROLINA NAV R&D MED CTR, CAMP LEJEUNE	JACKSONVILLE	487	281	768	823	28	127	48	HEALTH CARE
PENNSYLVANIA NAV H&S MEU CTR, PHILADELPHIA	PHILADELPHIA	547	380	927	927	25	48	57	HEALTH CARE
ROBBINS ISLAND NAVAL WAR COLLEGE	NEWPORT	217	209	426	776	29	22	66	PROFESSIONAL DEVELOPMENT TNG
NAV EDUCATION & TRAINING CTR	NEWPORT	1809	539	2744	4434	9	2403	13	OFF INDOCRINATION & SKILL TNG
NAV KIDS (KID) CTR, NEWPORT	NEWPORT	251	170	421	421	49	41	59	HEALTH CARE

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	Total Purs.	Total Purs.	Lands Area Acres	Rank	Major Unit-Activity-Function
SOUTH CAROLINA FLEET AND MINE WARFARE TNG CTR SUBMARINE TRAINING CENTER NAV REG MED CTR, CHARLESTON	CHARLESTON CHARLESTON NO. CHARLESTON	165 303 629	5 19 252	170 322 881	225 662 881	41 39 26	10 7 23	67 SKILL TRAINING 68 SKILL TRAINING 65 HEALTH CARE
TENNESSEE NAS, MEMPHIS NAV REG MED CTR, MEMPHIS	MILLINGTON MILLINGTON	11471 491	1230 111	12701 602	24452 34	1 3456 39	10 3456 60	SKILL TRAINING HEALTH CARE
TEXAS NAS, CHASE FIELD NAVAL AFB GOMLIAO, TX NAS, CORPUS CHRISTI, TX NAVAL AFB CABANIS, TX NAVAL AFB WALDRON, TX NAV REG MED CTR, CORP. CHRISTI NAS, KILLEENVILLE NAVAL AFB ORANGE, TX	BEEVILLE BEEVILLE CORPUS CHRISTI NOELLES CORPUS CHRISTI CORPUS CHRISTI KINGSVILLE ORANGE GROVE	1470 " " 2303 " " 425 1624 "	507 " " 4632 " " " " 110 412 "	1977 " " 6335 " " " " 535 2036 "	2376 " " 9690 " " " " 535 2276 "	16 " " 6 " " " " 35 19 " "	9653 1570 1313 4268 2042 32 5162 3360	3 FLIGHT TRAINING 20 AUXILIARY TRAINING FIELD 6 FLIGHT TRAINING 8 AUXILIARY TRAINING FIELD 15 AUXILIARY TRAINING FIELD 61 HEALTH CARE 5 FLIGHT TRAINING 11 AUXILIARY TRAINING FIELD
VIRGINIA FLEET ASW TRAINING CTR, LANI ARMED FORCES STAFF COLLEGE NAV REG MED CTR, PORTSMOUTH NAVAL HOSPITAL, QUANTICO FLEET COMBAT TRAINING CTR, LANI	NORFOLK NORFOLK PORTSMOUTH QUANTICO VIRGINIA BEACH	271 431 1699 213 1671	11 85 911 65 459	282 516 2610 278 2130	460 741 2840 278 3959	36 36 17 40 10	2 30 110 40 1038	69 ASM TRAINING 62 PROFESSIONAL DEVELOPMENT TNG 49 HEALTH CARE 56 HEALTH CARE 23 SPECIALIZED TRAINING
WASHINGTON NAV REG MED CTR, ORCHERTON	BREMERTON	311	176	489	498	36	23	65 HEALTH CARE

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1960

Installation	City	KFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Ares. Acres	Aero- Acres	Major Unit-Activity-Function
CELEBRAI. SUPPLY AND MAINTENANCE (507)									
AGANA, GUAM	GUAM	24	1339	1363	1	2005			2 FACILITIES SUPPORT
AGANA, GUAM		115	747	862	2	185			4 FLEET MAINTENANCE
NAVAO IN. GUAM		373	68	441	4	8842			1 STORAGE-AMMUNITION
NAVAO IN. GUAM		67	396	463	3	1558			3 SUPPLY SUPPORT
NAVAL DRYDOCK & REPAIR FAC	SAN JUAN	*	*	*	*	*			5 SHIP REPAIR FACILITY (C)
TRAINING, MEDICAL AND OTHER PERSONNEL (508)									
NAV MED INFO CTR, GUAM	AGANA, GUAM	2413	62	425	1	113			1 HEALTH CARE

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**DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
Military Installations Used by  
the U. S. Forces in Foreign Areas  
by 1960**

Installation	City	AFTA Mil	AFTA Civ.	AFTA Tot.	Total Pers.	Land Area- Acres	Rank	Per. for Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)								
NAVAL SUPPLY DEPOT, YOKOSUKA	YOKOSUKA	1,614	891	1,155	1,211	5	905	3 SUPPLY SUPPORT
NAV SHIP REPAIR FAC, YOKOSUKA	YOKOSUKA	74	1604	1,738	1,738	3	-	4 FLEET MAINTENANCE
NAVI MHS CTR, YOKOSUKA	YOKOSUKA	29	1,111	1,140	1,140	6	344	4 FACILITIES SUPPORT
JAPAN								
PHILIPPINES								
NAVAL SUPPLY DEPOT, SUBIC BAY	SUBIC BAY	297	968	1,265	1,491	4	25	6 SUPPLY SUPPORT
NAV SHIP REPAIR FAC, SUBIC BAY	SUBIC BAY	146	3,952	4,098	4,174	1	100	5 FLEET MAINTENANCE
NAVI MAGAZINE, SUBIC BAY	SUBIC BAY	377	247	624	623	7	2,000	1 STORE/MAINTAIN ORDNANCE
NAVI MHS CTR, SUBIC BAY	SUBIC BAY	7	1,111	1,118	1,118	2	1,111	2 FACILITIES SUPPORT

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1990

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land- Area- Acres	Major Unit	Activity-Function
JAPAN									
NAVAL HOSPITAL, OKINAWA NAVY MED CTR, YOKOSUKA	KOZA, OKINAWA YOKOSUKA	342	193	531	541	1	*	*	HEALTH CARE HEALTH CARE

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## CHAPTER FOUR

### AIR FORCE BASE STRUCTURE

#### I. INTRODUCTION

The Air Force Base Structure Chapter to the Manpower Requirements Report for FY 1980 is submitted in accordance with Section 302, PL 94-361. Section II, Base Structure Overview, describes the criteria used by the Air Force in determining the Air Force base structure. It also includes historical data on the base structure and related manpower trends since FY 1968. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPP) to the current base structure. Major changes to the FY 1980 force structure and their impact on the base structure are also described. Section IV gives a breakdown of projected Air Force base operations costs for FY 1980. Section V summarizes recent major actions taken to reduce base operations costs. It also describes some alternatives that the Air Force is pursuing in this area. Finally, Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

It is emphasized that the IDPPC classification system considers only the "primary" mission at multi-mission installations. At installations where more than one significant mission exists, a subjective determination of the "primary" mission of that installation was made.

## II. BASE STRUCTURE OVERVIEW

The base posture of the Air Force exists to support the assigned forces. Since forces are a dynamic element, the base posture is also dynamic. As forces change, base requirements change, and as a result realignments in the base posture are required. The major considerations and criteria used to determine base realignments must insure that the action selected from the available alternatives best meets the various operational, geographic, facility, environmental and economic parameters and is the most consistent with the overall mission requirements of the Air Force.

The Air Force has sought to maintain an optimum base structure to support the currently assigned and projected forces. As force levels and overseas deployments have reduced during the last several years, the number of Air Force bases has also reduced. This trend can be readily seen in the table below.

AIR FORCE REAL PROPERTY\* & PERSONNEL STRENGTH

<u>FISCAL YEAR</u>	<u>CONUS LOCATIONS</u>	<u>FOREIGN LOCATIONS</u>	<u>TOTAL LOCATIONS</u>	<u>PERSONNEL</u>
1968	2760	734	3494	1,260,313
1969	2661	756	3417	1,211,325
1970	2546	719	3265	1,118,744
1971	2381	690	3071	1,067,578
1972	2308	662	2970	1,025,187
1973	2293	635	2928	978,539
1974	2246	601	2847	933,207
1975	2231	597	2828	890,529
1976	2191	574	2765	846,899
1977	2154	579	2733	825,800

For example, during the past several years the Strategic Defensive forces of the Aerospace Defense Command have undergone extensive realignment and reorganization. This was the result of a phased modernization of the air defense system which incorporated numerous technological advances and improved operational concepts. The reorganization also integrated Air Force command/control facilities with those of the Federal Aviation Administration's National Aerospace System.

(\*) Real property includes land and interests therein, leaseholds, buildings, structures, improvements and appurtenances thereto, warehouses, rights of way, and easements whether temporary or permanent, and permanently attached improvements. There may or may not be personnel assigned to these locations.

A significant reduction in the number of strategic defensive aircraft has also occurred, thereby reducing the overall basing requirements. The number of strategic offensive aircraft has been reduced and some Strategic Air Command KC-135 tankers have been transferred to the Air Reserve Forces.

In recent years the need for pilot training has decreased permitting the closure of two pilot training bases and conversion of another base to tactical use. This more closely aligned training capacity with requiremen ..

In the late 1960s, the Air Force reduced logistics support bases when the number of major depots were reduced from nine to five.

A number of actions have occurred in the Air Force research and development support structure since FY 1968. These consist primarily of realignment of certain mission functions, consolidating test and evaluation support activities, and the restructuring of Air Force Systems Command technology base laboratories. The disestablishment in 1976 of the Air Force Special Weapons Center at Kirtland AFB, NM, is one example of these actions.

Air Force functions have also been consolidated under other agencies. For example, in 1972 the Air Force Aero-nautical Chart and Information Center was consolidated with similar functions from other military departments under the Defense Mapping Agency.

Since FY 1968 a significant reduction in the overseas base structure has also occurred. The majority of these base reductions were the result of withdrawals from South-east Asia; however, reduction of forces in Korea, Japan, and other locations also reduced the overseas base requirements. When Air Force base requirements are evaluated, the most effective installations are selected for retention based upon specific considerations and criteria. The reduction in the Air Force real property inventory has been the result of a continual evaluation of the forces' base requirements.

MAJOR CONSIDERATIONS AND CRITERIA: In determining the effectiveness of an installation, several major considerations are germane. First is the need to provide installations which meet the various operational and training requirements of assigned forces. Second, there is the need to provide bases to support the force deployments envisioned in the United States strategy. Third is the policy that multi-mission bases, i.e., those at which more than one

major type of force (strategic, logistical, airlift, etc.) are stationed, will be used to the maximum extent possible. Fourth, the base posture should retain the flexibility to beddown the force when unprogrammed changes occur.

The above considerations have evolved into broad criteria which are used by the Air Force in developing and evaluating base realignment actions. These are: geographic location; facility availability and condition; community support available for Air Force activities/population; potential to accommodate future force requirements; existing or future encroachment which might impact Air Force operations; budgeting considerations inherent in the proposed realignment action; possible adverse environmental impact; and mission degradation as a result of force turbulence.

In developing realignment actions, the major considerations and criteria have to be evaluated for each proposal in total, as opposed to handling each as an independent action, with the goal of achieving an optimum balance. A discussion of the four major considerations and the resultant criteria is provided below.

#### MAJOR CONSIDERATIONS:

Operational and Training Requirements: Since the Air Force base posture exists to support the mission of the assigned forces, the ability of each base to meet the unique operational and training requirements of the assigned force is of paramount importance. Each force element, such as strategic offense, tactical fighter, strategic airlift, etc., has its own peculiarities in terms of mission and training which manifests itself in terms of airspace, range requirements, deployment and employment routes, availability of lines of communications, survivability, facility requirements, etc.

The current base posture reflects a force beddown in which the forces' operational and training requirements are best supported. Realignment of forces can make alterations of the base posture necessary; however, the resulting beddown must, to the extent possible, enhance the ability of the force to meet its unique operational and training requirements. These requirements will be summarized in Section III under the appropriate Installation Defense Planning and Programming Category (IDPPC).

Force Deployment: The force structure of the Air Force is based on the national strategy. This strategy determines potential areas in which forces would be used and determines which forces would be deployed or employed from the CONUS. This strategy then serves to determine how many and what kind of bases are needed overseas and in the CONUS.

Use of Multi-Mission Bases: A major expense of each installation is the cost of resources required to "open the door," i.e., the fixed Base Operating Support resources such as facilities, manpower, and materiel required because of the mere existence of the installation. The resources associated with "open the door" costs are relatively insensitive to changes in the assigned mission. Road repair is an example. Variable base operating support resources are added commensurate with the support requirements of assigned missions. Therefore, when missions are compatible and facilities available or obtainable, it is cost-advantageous to develop multi-mission bases. This is particularly true when one of the missions is of a support nature such as research and development and the other is operational such as tactical fighter, strategic bomber, etc. Additionally, missions which have a relatively small number of personnel or equipment are most economically accommodated on bases which have other major missions.

Although multi-mission bases are economical, the compatibility of missions must be given prime consideration. Some missions, such as pilot training, do not lend themselves to certain multi-mission installations. Additionally, the more missions assigned to an installation the greater the difficulty in closing the installation if a major mission at the base is reduced. In this sense, multi-mission bases may inhibit future flexibility in restructuring the overall base posture.

Future Flexibility: Base realignment actions which result in base closures or contribute to the maximum utilization of an installation, especially Air Force bases which contain a relatively small amount of land, can result in a limiting of future flexibility to meet various programmed and unprogrammed force adjustments. Therefore, the selection of bases to be closed should, to the extent possible, result in closure of the least flexible bases. If flexibility were the sole determinant, bases which have constraints in the nature of airspace, encroachment of civilian activities, single missions, limited real estate,

poor community support facilities, poor physical facilities, etc., should logically be considered for closure prior to bases which have the potential to accommodate additional or new missions.

CRITERIA:

Geographic Location: The geographic location of an installation influences the ability of assigned forces to execute their mission. These geographic factors include weather, availability of training areas, proximity to employment/deployment routes, survivability, airspace availability, transportation networks, etc. For each mission there are optimum geographic locations which provide maximum operational effectiveness. These locations should be used in selecting bases to beddown missions and will be discussed further in Section III.

Facility Availability: Maximum practical utilization of existing government facilities with minimum expenditures for new facilities should be a primary goal in realignment actions. This includes mission related facilities as well as support facilities. For example, if the unit is an operational flying activity, the runway complex (number, width, length, load bearing capacity), capacity of the aircraft parking ramp, and a maintenance complex capable of supporting the assigned aircraft (e.g., proper size docks and hangars, sufficient communications-electronics and avionics maintenance space, etc.) are of major concern in evaluating the proposed action. Conversely, for administrative and headquarters activities, the proper amount of administrative space is essential. For training activities, classroom and student housing are key factors. For all actions availability of housing (bachelor and family) for any increase in population is a significant element.

Certain unique facility requirements are generated by intelligence, communications, logistical, and research and development activities. Relocation to installations which do not have facilities available to accommodate these functions may not be feasible due to the cost of new facilities. Also, due to mission requirements, these facilities must often be duplicated and in being prior to shutting down the current activity. This can often be expensive in terms of delay in savings to be realized as well as redundancy in equipment and facilities. Similar circumstances exist in relocating other missions

such as strategic airlift which requires large terminal complexes to receive and process cargo.

Requirements for small missions may generally be provided with only minor modification. This is particularly true if the unit's equipment consists of small aircraft or if no aircraft are assigned. Requirements for administrative space can be met in various ways such as conversion of excess space in other functional areas. Additionally, the overall condition of the real property facilities at the base is an important element in the selection process. Often, if an activity is housed on an installation which has a great deal of substandard deteriorated facilities - both prime mission as well as support - then relocation to a base with permanent facilities may be most effective even if certain facility criteria cannot be initially met. Over a period of time, provision of a few additional facilities would prove economically beneficial as opposed to providing a large number of expensive replacement facilities at the previous base, as well as continuing the base operating support costs for both bases.

An additional facility consideration is the extent a base's facilities support other installations in the area. For example, if a base provides hospital, housing, and other support facilities for surrounding installations, then it may not be possible to completely close the base. As a result, savings from the realignment may be significantly less than at a base where all activities can be shut down and facilities declared excess.

Community Support: Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. When possible, base realignment actions should take maximum advantage of already developed civilian resources which can be used to support the assigned personnel. Of particular importance is family housing. Areas which have residual capability to adequately house Air Force families will negate the cost of providing government housing and facilitate rapid completion of the proposed action. Conversely, areas in which community support facilities are limited place an increasing degree of importance on the base facilities. Adequate support should exist on or off a gaining base to avoid a realignment action being counter productive in terms of personnel morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is very important.

Potential: Since the future forces cannot be predicted with certainty and are subject to unprogrammed changes, flexibility to accommodate these changes within the base posture should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogrammed force changes might occur and determining how the various basing options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a subjective consideration. There are some instances though which do lend themselves to objective analysis. For example, pilot production capacity at each Undergraduate Pilot Training base can be determined. Based on the required levels of pilot production, the degree of flexibility (unused production capacity) within the system can be determined and the degree that the system can meet increases can be calculated. As a result, the degree of flexibility in the system can be predicted and controlled. Similarly, workload versus base capacity can be determined for other training activities and depot activities.

Unfortunately, the degree of flexibility of the base systems to meet other program changes not the result of clear cut workloads is difficult to determine. For example, the flexibility of the base system to accommodate tactical units in the CONUS currently deployed overseas depends on many variables such as type of unit, activity levels of the unit, if they are to be retained as active duty forces or as reserve forces, etc. In these instances the underlying assumptions are subjective and the requirement for flexibility is also subjective. Notwithstanding the subjectivity, it is important that base realignment alternatives be weighed in terms of their potential to meet unprogrammed force changes.

Encroachment: Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued air operations have been threatened through urban expansion. The potential for midair collisions must be considered for basing programs. To the extent possible, basing actions must avoid aggravating potential midair collision conditions. The increased civil and private air activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation and is a consideration in determining base realignment actions.

A program (Air Installation Compatible Use Zone - AICUZ) to protect installations from encroachment is in progress. This program inputs planning data into the intergovernmental/interagency forum for implementation through various means including comprehensive planning, zoning, real property rights, acquisitions, construction practices, etc. Encroachment has been stopped or slowed at a number of installations under this program. However, where encroachment has become a major problem, its impact must be considered during development of base realignment actions.

Budget: High-cost, single-mission installations with limited real estate and outmoded, old, functionally inefficient facilities are prime candidates for closure. Significant annual savings result from the closure of such bases. However, the relative cost effectiveness of retaining installations is also a major factor in determining base realignments. Consolidation of missions on a single multi-mission installation which allows a base closure generally results in significant annual savings. These savings are offset in some instances by the required investment, particularly in facilities needed to consolidate. In evaluating the budget implication of base realignments, it is necessary that initial and annual savings be weighed against the one-time construction and movement costs of the various options. Consideration should be given to consolidations which minimize the investment in new facilities while maximizing the annual savings. In general, large outlays in construction or equipment funds are not feasible and options which depend on such outlays should be avoided unless no other viable alternative exists.

Environment: All proposed major federal actions must be analyzed to determine if any of the activities associated with the action will cause a significant impact on the human environment or precipitate public controversy on environmental issues. Based upon this analysis a "negative determination" is made or an environmental impact statement is prepared, filed with the President's Council on Environmental Quality, and circulated for government agency and public comment. These comments are incorporated into a final Environmental Impact Statement which is used as an aid in decision making.

Mission Degradation: Realignment actions, by their very nature, result in turbulence both in personnel and in mission output. The degree of turbulence is a consideration if the resulting mission degradation is of such a

proportion as to be significant. Certain activities cannot be allowed to "stand down" and, as a result, realignments of these activities require in being capability at the new location. Also, work force composition is a consideration in that a highly specialized or unique work force of civilians may not facilitate relocation. These factors should be considered in evaluating realignment actions.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Base programming is dynamic and subject to many variables and revisions. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and policies, the continuing impact of resource management efforts, and from national political adjustments. Each change reverberates through the force and causes additional base adjustments in training and logistical support areas. Any attempt to define the base structure can proceed only with an understanding that the structure may be defined solely within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, will require adjustments in the existing base structure. Timing of the introduction or expansion of a weapon system also influences base selection, as do changes in force size and deployment concepts. Base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics and operational, support, and training requirements.

The attainment and maintenance of an operational posture which will insure national security and the support of international commitments has been and remains the prime objective of Air Force deployments. The development and utilization of bases which optimize weapon employment and combat support capabilities, provide for training requirements, enable related test and development activities and provide for adequate personnel, logistical and communications support represent corollary goals. A further objective of considerable emphasis within the USAF is the attainment of maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended for direct combat capability.

Since each mission category has its own unique operational and training requirements which dictate the Air Force base structure, they will be discussed separately. The specific bases falling into each mission category, generally referred to as the Installation Defense Planning and Programming Category (IDPPC), are listed in Section VI.

## STRATEGIC FORCES (100)

### - Basing Requirements

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize the survivability of the force. For example, ICBM's require a sufficient area for adequate dispersal of launch sites. If submarine launched missiles are postulated to be the most critical threat against bombers and tankers, inland bases provide the greatest survivability due to the longer flight time of the missiles. However, this does not imply only inland bases should be considered for strategic offensive forces. Consideration of factors such as the inability of the runway complex to support strategic operations, lack of needed large maintenance facilities to house strategic bombers and tankers, poor quantity and quality of personnel support facilities, and lack of munitions storage capability may negate the use of an existing inland base for a strategic force main operating base and dictate continual use of coastal bases where these facilities are available. In this case, survivability can be achieved through reposturing and dispersal to achieve the needed time to safely launch the force.

Other operational requirements such as targeting, ranging, and mating must be considered when determining force beddown locations. Lateral support supplied to other commands, e.g., tactical aircraft contingency and overseas deployment refueling requirements, is also a necessary consideration. In addition, the availability of a small portion of overseas bases is desirable to optimize strategic operational effectiveness.

For strategic defensive systems, factors such as enemy weapon system performance, likely targets, and routes of attack are considered in basing decisions. Related to these, there must be an assessment of warning time available, speed of reaction, and the probable time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made of the most effective deployment areas. Generally, this analysis will dictate a peripheral coverage of the Continental United States.

- Announced Major Force Structure Changes and Their Impact on Base Structure

During FY 79/80 the USAF intends to upgrade its Sea-launched Ballistic Missile Warning capabilities with the activation of Pave Paws site at Otis AFB, MA, and Beale AFB, CA, in FY 79 and FY 80, respectively. The USAF will deactivate obsolete system (FSS7) at Ft Fisher, NC, and Charleston, ME, in FY 79 and Mill Valley, CA, Mt Laguna, CA, and Mt Hebo, OR, in FY 80.

The implementation of the Joint Surveillance System began in FY 76. During FY 79/80, this involves the phasing out of 28 Air Force radars and the transfer of 14 radars to the FAA for joint use (FAA/USAF) operations. To maintain peacetime surveillance and control of U.S. airspace, the Air Force will rely on surveillance data from the combination of 36 joint use radars and a 9 military only radars.

#### GENERAL PURPOSE FORCES (200)

- Basing Requirements

The operational and training requirements for the general purpose forces are also unique. Accessibility of weapons ranges (air-to-air and air-to-ground) and supersonic airspace for certain types of missions; plus sufficient airspace to allow for extensive operational training flight maneuvers such as formation flying, are essential to tactical fighter aircraft. The maximum possible "good weather" days to facilitate operational flight training under visual conditions are necessary. Training facility requirements in the CONUS are extensive due to mission and equipment complexities and the requirement to provide individual training for both CONUS and overseas tactical forces. For tactical reconnaissance missions, peacetime tasks (e.g., training support of other forces) are considered in defining base locations. Airlift forces should be located adjacent to transportation and supply terminals to the maximum extent possible. East and west coast terminals within the CONUS are essential to maximize transoceanic payload capabilities. A consideration of tactical airlift basing is to locate some tactical airlift forces with or in proximity to Army airborne units to enable their efficient support. Proximity to assault landing strips and drop zones is also essential for training of tactical airlift forces. For Air Reserve Force basing an area which can provide an adequate recruitment base is also considered in the determination of the location.

General purpose forces overseas are based according to strategic, tactical, and security policy considerations in addition to customary CONUS basing criteria. Each base must be capable of efficient peacetime operation as well as accommodation of the mission requirements it must support in a combat or contingency situation. Each type of mission has its own particular basing requirements according to current strategies and contingency plans, and the need for combat dispersal must be considered as well. The overseas base structure must be capable of responding to changing tactical and strategic situations, and a certain degree of flexibility and standby base expansion capability must be maintained. The high dependence of the overseas base structure on the cooperation of host governments requires continued awareness of basing requirements in the context of overall international security policy.

- Announced Major Structure Changes and Their Impact on Base Structure

The continuing acquisition of F-15 and A-10 aircraft coupled with the introduction of the F-16 will enable the USAF to continue modernization of the tactical fighter force during FY 79 and FY 80. George AFB will continue conversion from F-105Gs to F-4Gs and Hill AFB will convert from F-4s to F-16s in FY 79/80. During FY 79, the following assets will modernize the Air Reserve Forces: A-7s to Selfridge ABG, MI, and Toledo, OH; A-10s to Barnes MFT, MA, and Bradley IAP, CT; F-4s to Lambert Fld, MO, Ft Wayne, IN, New Orleans, LA, Kelly AFB, TX, Ft Smith, AR; Hulman Fld, IN, and Homestead AFB (AFR), FL; RF-4s to Key Field, MS, and F-105Gs to Dobbins AFB (ANG), GA. Eglin AFB, FL, will convert from F-4s to F-15s in FY 79 and RAF Bentwaters/Woodbridge, UK, will convert from F-4s to A-10s beginning in FY 79. The beddown of E-3A aircraft at Tinker AFB, OK, will continue through FY 79.

AUXILIARY FORCES (300)

- Basing Requirements

The Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions required to acquire complete aerospace weapons and support systems needed to accomplish the Air Force mission. The command delivers complete, timely, and operable systems to using commands such as Strategic Air Command, Tactical Air Command, and Military Airlift Command. To accomplish its mission, AFSC requires extensive complexes of test facilities for

aircraft, missiles, and associated hardware, to include runways, large areas of restricted airspace, numerous range and tracking facilities, and access to environmental testing facilities. Facilities for the administration of test programs and the correlation of basic and applied research during weapons development are also required.

The mission of Air Force Communications Service (AFCS) is to provide Air Force and Department of Defense service in communications, electronic and engineering installation, and air traffic control. For this tasking, the Air Force Communications Service requires facilities which permit ready access and interconnection with related commercial facilities. Other locations in relatively remote areas act as communications links and as intelligence gathering sites.

- Announced Major Force Changes and Their Impact on Base Structure

There are no major force changes.

#### MISSION SUPPORT FORCES (400)

- Basing Requirements

Extensive administrative facilities are required to enable administrative functions to properly manage Air Force equipment and personnel. Other locations are required by medium range aircraft to be used as refueling stops on transoceanic flights. These installations require runways of sufficient length and weight bearing capacities to support the transient aircraft and must have adequate housing available for transient personnel.

- Announced Major Force Changes and Their Impact on Base Structure

There are no major force changes.

#### CENTRAL SUPPORT FORCES (500)

- Basing Requirements

Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical logistic support to meet the wide variety of missions assigned to the United States Air Force.

To accomplish these tasks effectively, supply installations must be adjacent to transportation network terminals and facilities to enable rapid logistic support. Extensive warehousing and open storage areas, plus facilities for automated requisitioning, procurement, and associated data storage activities are essential.

Air Training Command requires the availability of extensive classroom, library, and study facilities. Secure training facilities are required where a principal mission is security training. Extensive medical facilities are required at bases where a primary function is medical support.

The location of flying activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace is essential for undergraduate pilot training (UPT) bases. Three parallel runways are also required at main training bases, with auxiliary fields within a short distance from the main base.

- Announced Major Force Changes and Their Impact on Base Structure

Air Training Command has assumed responsibility for cryptologic training as well as base host responsibilities at Goodfellow AFB, TX.

INDIVIDUAL (600)

The Air Force has no major installations falling into this IDPPC.

#### IV. \* BASE OPERATIONS COSTS FOR FY 80

\* summary of the estimated FY 1980 cost (\$ million) for Air Force Base Operating Support follows.

Base operations costs identified in this section are not limited to those major installations described in Section VI, but include all Air Force property included in the real property inventory.

Base operating costs as defined here include military family housing and military construction costs as well as the recurring operating costs such as utilities, facility maintenance, and other support activities. Users are cautioned that military family housing and military construction costs vary among bases for different reasons than do the recurring costs included here. Therefore, base operations costs defined as these are, would not be suitable for comparisons among bases.

TABLE XII  
MAJOR DEFENSE PROGRAMS

FY 80  
USAF BASE OPERATIONS COSTS (\$ MILLIONS)

Major Defense Programs	Fifty States	US Territories & Possessions	Foreign Overseas Areas	Total
Strategic (01)	1,246	37	80	1,363
General Purposes (02)	613	-	1,064	1,677
Intell & Comm (03)	47	-	57	104
Air/Sealift (04)	506	-	51	557
Guard & Reserve (05)	183	-	-	183
Research & Develop (06)	265	-	-	265
Cant Supply & Maint. (07)	473	-	-	473
Trng, Med & Other Pers (08)	842	11	203	1,056
Admin & Assoc. (09)	55	-	30	85
Spt of Other Nations (10)	-	-	-	-
<b>TOTAL AF</b>	<b>4,230</b>	<b>48</b>	<b>1,485</b>	<b>5,763</b>

Program 8 includes military family housing costs.

All Air Force military construction costs are included.

## V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

Reductions in pilot training requirements resulted in the closure of Craig AFB, AL, and Webb AFB, TX, in FY 1977. These bases are presently in caretaker status awaiting completion of excessing actions.

Headquarters AFCS moved from Richards-Gebaur AFB, MO, to Scott AFB, IL, in FY 1977. This action resulted in better utilization of available facilities at Scott AFB and reduced Base Operating Support (BOS) costs at Richards-Gebaur. The Air Force is examining the possibility of providing significant support for residual activities at Richards-Gebaur with contract services. In this report, Richards-Gebaur AFB is still categorized under IDPP 300, but will be changed in future reports to reflect its residual mission.

The Air Force recently adjusted the B-52 force and transferred 128 KC-135 aircraft to the Air Reserve Forces by end FY 1978. As a result of these actions and the direction to reduce base operating support costs in the near term, Kincheloe AFB, MI, was closed in FY 1977.

Several alternatives exist for reduction of BOS costs. Closing or reducing operations at installations reduce BOS costs. Reductions in BOS costs can be made through contracting for certain functions where cost effective. Increased productivity realized through automation, other technological advancements, and management initiatives may also reduce costs.

The Air Force is continually making efforts to reduce BOS costs at USAF installations worldwide. On April 26, 1978, the Secretary of the Air Force announced proposals to study closure of Chanute AFB, IL; Goodfellow AFB, TX; Kingsley Field, OR; and Los Angeles AFS, CA, and, on August 3, 1978, Lowry AFB, CO, was designated as an alternative to the proposed closure of Chanute. In addition, the removal of active Air Force units from Rickenbacker AFB, OH, will be examined. These studies are expected to be completed during FY 1979 and could affect the base structure in FY 1980.

The Air Force is continually searching for means to reduce BOS costs without degrading mission effectiveness.

**SECTION VI**

**AIR FORCE BASE STRUCTURE**

TABLE XIII

## SUMMARY OF NUMBER OF AIR FORCE INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
<b>STRATEGIC FORCES</b>				
- Strategic (101)	66	1	-7	
- Guard & Reserve (105)	8		8	
- Research & Develop. (106)	7	6	13	
<b>GENERAL PURPOSE FORCES</b>				
- General Purpose (202)	49	2	76	
- Airlift/Sealift (204)	17		21	
- Guard & Reserve (205)	106	4	106	
<b>AUXILIARY FORCES</b>				
- Intell. & Comm. (303)	4	3	7	
- Research & Develop. (306)	16		16	
- Central Supply & Maint. (307)	2	2	2	
<b>MISSION SUPPORT FORCES</b>				
- Strategic (401)	1		1	
- General Purpose (402)	4	1	4	9
<b>CENTRAL SUPPORT FORCES</b>				
- Central Supply & Maint. (507)	38		38	
- Training, Medical, & Other Personnel (508)	30		30	
- Administration (509)	1		1	
<b>TOTAL AIR FORCE</b>	<b>249</b>	<b>10</b>	<b>36</b>	<b>395</b>

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES  
FY 1960

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Land- Area Acres	Rank	Major Unit-Activity Function
<b>STRATEGIC (101)</b>								
ALASKA								
ELMENDORF AFB								
FORT UGLY AIR FORCE RANGE, AK								
GALENA AIRPORT, AK								
KING SALMON AIRPORT, AK								
ANCHORAGE IAP ADMIN ANNEX, AK								
CLEAR MISSILE EARLY WARNING ST								
COLD Bay AIR FORCE STATION								
MURPHY LUM AIR FORCE STATION								
BARTER ISLAND DEW STATION								
POINT BARROW DEW STATION								
FORT YUKON AIR FORCE STATION								
CAMPION AIR FORCE STATION								
CAPE ROMANOF AF STATION								
INDIAN Mtn AIR FORCE STATION								
SPARKEVONN AIR FORCE STATION								
KOTZEBUE AIR FORCE STATION								
TATALINA AIR FORCE STATION								
EIELSON AFB								
SILAN LAKE WING, AK								
CAPE NEWENHAM AF STATION								
CAPE LISCIUNE AF STATION								
TIN CITY AIR FORCE STATION								
ARKANSAS								
BLYTHERVILLE AFB								
BLYTHEVILLE	BLYTHERVILLE	2801	366	2868	3008	27	3736	10 97 BOMBARDMENT WING
CALIFORNIA								
DEALE AFB								
CASTLE AFB								
MARCH AFB								
COLORADO								
LAMAR COMMUNICATIONS FAC ANNEX	LAMAR	12	0	12	12	86	95	57 ELECTRONICS SITE

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES  
FY 1980

Installation	City	Land Area			Major Unit-Activity-Function		
		AFFA Hill.	AFFA CIV.	Total Pers.	Rank	Rank	Major Unit-Activity-Function
FLORIDA TYNDALL AFB	PANAMA CITY	4264	962	5224	13	28824	7 AIR DEFENSE WEAPONS CENTER
INDIANA GRISCOM AFB	BUNKER HILL	2273	704	2977	19	30222	33 306 AIR REFUELING WING
KANSAS MCCONNELL AFB	WICHITA	3763	783	4563	12	41527	2 361 STRATEGIC MISSILE WING
LOUISIANA BAW SOWLE AFB LAKE CHARLES AIR FORCE STATION	Bossier City Lake Charles	5394	984	6378	7	7263	3 12 BOMBARDMENT WING 55 ELECTRONICS SITE
MAINE LORING AFB	LIMESTONE	3459	821	4080	23	4106	23 11242 15 42 BOMBARDMENT WING
MASSACHUSETTS NORTH TRURO AIR FORCE STATION	NORTH TRURO	106	28	133	134	37	134 55 ELECTRONICS SITE (RADAR)
MICHIGAN K. I. SAWYER AFB WHITEHORN AFB PORT AUSTIN AIR FORCE STATION SAULT STE MARIE AIR FORCE STA SAULT STE MARIE COMM FAC Annex	OMINON OSCORO PORT AUSTIN SAULT STE MARIE SAULT STE MARIE	3679	433	4112	4159	22	6367 18 410 BOMBARDMENT WING 21 379 BOMBARDMENT WING 60 ELECTRONICS SITE 44 63 ELECTRONICS SITE 27 64 ELECTRONICS SITE
MINNESOTA DULUTH IAP	DULUTH	1158	607	1765	1846	29	563 43 23 AIR DEFENSE DIV. RC ACT
MISSOURI WHITEHORN AFB	KNOB NOSTER	3162	507	3659	3772	24	25036 9 351 STRATEGIC MISSILE WING

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**DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES,  
FY 1980**

Installation	City	AFTA Mil. CIV.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
MONTANA GREAT FALLS COMM FACILITY SITE MULSTROM AFB	GREAT FALLS GREAT FALLS	4800	344	5344	5437	15	29070	67 ELECTRONICS SITE 6 341 STRATEGIC MISSILE WING
NEBRASKA OFFUTT AFB	BELLEVUE	11776	1748	13524	13922	1	3663	29 55 STRATEGIC RECON WING
NEW HAMPSHIRE NH SATELLITE TRACKING ANNEX PEASE AFB	MT VERNON NEWINGTON	3268	66	3951	5007	17	1873	34 ELECTRONICS SITE 25 509 BOMBARDMENT WING
NEW JERSEY GIUBBORDO AIR FORCE STATION PALERMO COMM FACILITY	GIBBORDO PALERMO	88	12	100	100	41	23	65 ELECTRONICS SITE 66 ELECTRONICS SITE
NEW MEXICO CLOUDCRAFT SATELLITE TRACKING	CLOUDCRAFT	-	-	-	-	-	2406	35 SATELLITE TRACKING
NEW YORK PLATTSBURGH AFB GRIFFISS AFB STOCKBRIDGE TEST ANNEX, NY FLOYD TEST ANNEX, NY VERONA TEST ANNEX, NY AVA TEST ANNEX, NY SARATOGA SPRINGS SYRACUSE	PLATTSBURGH ROME HENHILLSVILLE FLOYD VERONA AVA SARATOGA SPRGS SYRACUSE	3752	416	4170	4310	20	4821	24 380 BOMBARDMENT WING 20 416 BOMBARDMENT WING 49 TEST SITE 51 61 TEST SITE 514 46 TEST SITE 50 62 TEST SITE 48 TEST SITE 39 21 AIR DEFENSE SAGE DIVISION
NORTH CAROLINA FORT FISHER AIR FORCE STATION	KURE BEACH	157	20	177	162	34	101	56 ELECTRONICS SITE (RADAR)
NORTH DAKOTA GRAND FORKS AFB MINTON AFB	EMERADO MINOT	5090	486	5576	5650	14	24021	11 321 STRAT MSL WO & 319 BOMBS NO 10 91 STRAT MSL WO & 5 BOMBS NO

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil. Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Major Unit-Activity-Function
OHIO RICKERBACKER AFB	LOCKBOURNE	1021	1150	2971	6570	8	4377 26 301 AIR REFUELING WING
OREGON KINGSLEY FIELD	KLAMATH FALLS	332	203	636	622	30	1087 42 AIR DEFENSE
SOUTH DAKOTA ELLSWORTH AFB	BOX ELDER	6006	591	6597	6733	6	27966 44 STRAT MSL WG & 28 BCNS WG
TEXAS OYERS AFB CARSHELL AFB	ABILENE FORT WORTH	4892 4461	441 347	5333 5108	6432 6489	16 5	7132 17 96 BOMBARDMENT WING 3331 31 BOMBARDMENT WING
WASHINGTON FAIRCHILD AFB MACAN AIR FORCE STATION	AIRWAY HEIGHTS MEAN BAY	3847 101	864 32	4731 133	3976 135	11 36	6202 19 92 BOMBARDMENT WING 238 32 ELECTRONICS SITE (RADAR)
WISCONSIN ANTIGO AIR FORCE STATION	ANTIGO	"	"	"	"	"	57 59 ELECTRONICS SITE (RADAR)
WYOMING FRANCIS E. WARREN AFB	CHEYENNE	3680	451	4131	4171	21	33765 5 90 STRATEGIC MISSILE WING
GUARD AND RESERVE (105)							
ALASKA KULIK AND BASE	ANCHORAGE	1	"	1	18	6	101 7 AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA FRESNO AND BASE	FRESNO	2	310	312	1373	3	139 5 AIR NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
AIR STRATEGIC FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot. Pur.	Total Area- Acres	Land Area- Acres	Rank	Major Unit-Activity-Function
FLORIDA JACKSONVILLE IAP	CALLAHAN	2	302	304	1300	6	156	3 AIR NATIONAL GUARD ACTIVITIES
MAINE BANGOR INTERNATIONAL AIRPORT	BANGOR	11	273	284	1336	4	379	2 AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS OTIS AFB	FALLOUTH	46	612	660	1740	1	3736	1 RESERVE COMPONENT TRAINING
MINNESOTA DULUTH AFB BASE	DULUTH	1	234	235	1379	2	152	4 AIR NATIONAL GUARD ACTIVITIES
NEW JERSEY ATLANTIC CITY AIRPORT	PLEASANTVILLE	2	302	304	1301	5	119	6 AIR NATIONAL GUARD ACTIVITIES
NEW YORK SUFFOLK COUNTY AIRPORT	WESTHAMPTON BCH	2	164	166	900	7	70	8 AIR NATIONAL GUARD ACTIVITIES
RESEARCH AND DEVELOPMENT (166)								
CALIFORNIA VANDENBERG AFB	LOMPOC HAA-EHU GILBERT IS TIP	4340	1496	3336	778	1	98633	1 SPACE & MISSILE TEST CENTER
SO POINT AIR FORCE STATION, HI	HULL IS EMMETT AAF, TO	-	-	-	-	-	1400	5 RANGE
HULL IS TRACKING ANNEX, GN	CANTON IS AAF, EO	-	-	-	-	-	4560	2 RANGE
EMMETT AAF, TO	BIRNIE IS	-	-	-	-	-	200	6 RANGE
CANTON IS AAF, EO	THACKING ANNEX, GN	-	-	-	-	-	1700	4 RANGE
BIRNIE IS	GILBERT IS	-	-	-	-	-	138	7 RANGE
EMMETT AFB	CANARY IS	-	-	-	-	-	1700	4 RANGE

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1980

Installation	City	AFIA			Total Par.J.	Rank	Land Area Acres			Major Unit-Activity-Function
		Mil	Civ.	Total			Acre Acres	Rank		
STRATEGIC (101)										
ANDERSEN AIR FORCE BASE	AGANA, GUAM	GUAM 3605	668	4273	4339	1	11083	1	43 STRATEGIC WING	

STRATEGIC (101)  
ANDERSEN AIR FORCE BASE

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 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 OF GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1980

Installation	City	AFTIA Hill	AFTIA CIV	AFTIA Tot	Total Para	Rank	Land Area Acres	Rank	Major Unit-Activity-Function
<b>GENERAL PURPOSE (202)</b>									
ARIZONA									
NEW WINDON RADAR SCORE SITE	HOLBROOK	6008	1025	7103	7656	5	267950	8	JG BOMBS SCORING SITE
LAKE AFB	LITCHFIELD PARK	"	"	"	"	"	3	1109	30 TACTICAL TRAINING WING
LAKE OI AAF, AZ	WITTMAN	"	"	"	"	"	32	2873467	AUXILIARY FIELD
LAKE WNG, AZ	GILA BEND	"	"	"	"	"	4	1109	RANGE
GILA BEND AAF, AZ	GILA BEND	308	73	381	381	16	1486	26	AUXILIARY TRAINING FIELD
DAVIS MONTANA AFB	TUCSON	6257	1406	7663	7900	4	15337	16	35B TACTICAL FIGHTER WING
SAN JUANITA WNG, AZ	SANJUANITA	"	"	"	"	"	2555	26	RANGE
CALIFORNIA									
GEORGE AFB	ADELANTO	5188	507	5695	5941	10	12231	18	30 TACTICAL FIGHTER WING
CUMBERBACK LAKE WNG, CA	JOHANNESBURG	"	"	"	"	"	7584	19	RANGE
LOM ORARIO									
LA JUNTA RADAR SCORE SITE	LA JUNTA	"	"	"	"	"	6	30	BOMBS SCORING SITE
FLORIDA									
HOMESTEAD AFB	HOMESTEAD	6434	1089	7923	8345	2	3246	23	31 TACTICAL FIGHTER WING
MACDILL AFB	TAMPA	5432	849	6281	6564	8	11168	6	36 TACTICAL FIGHTER WING
AVON PARK AAF, FL	AVON PARK	"	"	"	"	"	6161	22	AUXILIARY FIELD
AVON PARK WNG, FL	AVON PARK	157	92	249	249	20	10129	8	RANGE
GEORGIA									
STATE ROAD 208 SCORE SITE	STATE ROAD	86	1	57	57	24	80	33	BOMBS SCORING SITE
MONTY AFB	VALDOSTA	2660	461	3121	3613	14	8522	20	J-7 TACTICAL FIGHTER WING
SPLINTER AAF, GA	MOULTRIE	"	"	"	"	23	1250	3	AUXILIARY FIELD
HAWAII									
WHEELER AFB	WAHIANA (AFOSF)	1446	525	1971	2190	17	1389	30	22 TACTICAL AIR SUPPORT SQUADRON

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
OF MILITARY PURPOSE FORCES  
UNITED STATES  
FY 1960

Installation	City	AFIA			Total	Land Area Acres	Rank	Major Unit-Activity-Function
		Mt.	Civ.	Tot.	Per.			
DAWN MOUNTAIN HOME AFB SCYCLE CREEK WIND. IC WIDEN RADAR BOMB SCORING SITE	MOUNTAIN HOME	4297	456	4755	4963	12	120287	5 368 TACTICAL FIGHTER WING
	BROUARD WILDER	"	"	"	"	"	111414	7 RANGE
						"	40	BOMB SCORING SITE
KENTUCKY RICHMOND BOMB SCORING SITE	RICHMOND	63	1	64	64	22	2	43 BOMB SCORING SITE
Louisiana EMERSON AFB COLLEGEVILLE WIND. LA	ALEXANDRIA FOREST HILL	2894	447	3356	3477	15	29281	12 23 TACTICAL FIGHTER WING
	CANTON	"	"	"	"	"	29272	14 RANGE
MICHIGAN L. S. OTTER BOMB SCORING SITE	CANTON	"	"	"	"	"	31	34 BOMB SCORING SITE
MICHIGAN BAY SHORE BOMB SCORING SITE	BAY SHORE	"	"	"	"	"	4	41 BOMB SCORING SITE
NEBRASKA NESTORIA BOMB SCORING SITE	NESTORIA	"	"	"	"	"	11	35 BOMB SCORING SITE
NEW MEXICO HANDBERG BOMB SCORING SITE	SABERIT	"	1	1	1	27	43 BOMB SCORING SITE	
HELLIS AFB INDIAN SPRINGS AAF, NM HELLIS WIND. NM	LAD VELAS INDIAN SPRINGS INDIAN SPRINGS	7080	1062	8152	8674	3	3026497	1 474 IFW WEAPONS CTR
	"	28	"	267	267	16	1562	29 AUXILIARY TRAINING FIELD
	"	"	"	"	"	"	3001907	2 RANGE
NEW MEXICO INDIAN SPRINGS AAF HELLIS AFB HELLIS WIND. NM	INDIAN SPRINGS	8530	1124	6654	7172	6	30164	8 49 TACTICAL FIGHTER WING
	CLAVIS	4072	466	4494	4662	13	26362	3 27 TACTICAL FIGHTER WING
	HELLIS	"	"	"	"	"	22087	15 RANGE

UNITED STATES  
DEPARTMENT OF DEFENSE  
AIR FORCE BASES & FACILITIES  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil. Civ.	AFTA Tot.	Total Pers.	Rank	Land Area Acres	Rank	Major Unit-Activity-Function
NEW YORK GREAT BEND BOMB SCORING SITE	GREAT BEND	62	1	63	63	23	5	40 BOMB SCORING SITE
NC (1) CAMP LINA SC VETERAN JOE DODSON AFB BLAINE COUNTY WAR, NC	BON OISBONO STUNTY POINT	4846	538	5885	5816	11	88797	10 4 TACTICAL FIGHTER WING 1 1 RANGE
NC (1) DAKOTA BOMB SCORING SITE	BISMARCK	64	1	67	67	21	7	37 BOMB SCORING SITE
SOUTH CAROLINA MYRTLE BEACH AFB SHAW AFB MCARTHUR AAF, SC	MYRTLE BEACH SHAW MONTHLY	2833 8608 0	449 533 0	3076 6161 0	3236 6367 0	16 7 0	4006 13702 2392	23 364 TACTICAL FIGHTER WING 17 363 TACTICAL RECON WING 27 AUXILIARY FIELD
TEXAS BETOOTHON AFB	AUSTIN	4757	737	6514	6421	6	3817	24 67 TACTICAL RECON WING
VERMONT LAPORTE AFB	HAMPTON	8754	1531	10285	10879	1	8371	21 1 TACTICAL FIGHTER WING & NO TAC
AFM 111/SA-MILITARY FORCES (100)								
ARIZONA LITTLE ROCK AFB	JACKSONVILLE	6448	825	7273	6814	0	11277	2 314 TACTICAL AIRLIFT WING
CALIFORNIA THOMAS AFB MCNAUL COOP FAC ANNEX, CA	FATFIELD SAN BERNARDINO HIGH AND	9112 3508 0	2462 2373 0	11574 8482 0	10850 12380 0	1 3 0	7861 2107 30	4 60 MILITARY AIRLIFT WING 11 63 MILITARY AIRLIFT WING 17 COMMUNICATIONS

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil. CIV	AFTA Tot.	Total Pers.	Rank	Land Area Acres	Rank	Major Unit-Activity-Function
DELAWARE DOVER AFB	DOVER	5176	1765	CG43	8944	8	3642	9 436 MILITARY AIRLIFT WING
ILLINOIS SPRINGFIELD AFB	SPRINGFIELD	6486	3410	8897	10803	6	2922	10 375 AEROMEDICAL AIRLIFT WING
MARYLAND ANNE ARUNDEL COUNTY COMM STATION, MD	CAMP SPRINGS DAVIDSONVILLE	6328	3246	9575	12087	4	7737	11 439 MILITARY AIRLIFT GROUP 14 COMMUNICATIONS
MARYLAND GRANDSYNME COMM STATION, MD	GRANDSYNME	70	1	71	71	13	1640	13 COMMUNICATIONS
NEW JERSEY NEWARK	NEWARK TOWNSHIP	8137	2176	7331	12684	2	3869	7 438 MILITARY AIRLIFT GROUP
NEW MEXICO KIRTLAND AFB	ALBUQUERQUE	5790	4301	1051	11566	5	15683	11 550 AIRCREW TRAINING TEST WG
NORTH CAROLINA FORT AFB	SPRINGLAKE	3710	341	4055	4255	12	1762	12 317 TACTICAL AIRLIFT WING
OKLAHOMA ATLUS AFB	ATLUS	3524	626	4135	4580	11	4119	6 443 MILITARY AIRLIFT TNG WG
	ATLUS COMM ANNEX RECEIVER, OK						338	16 COMMUNICATIONS
	ATLUS TRAINING ANNUITY, OK						320	15 TRAINING
SCAROLINA CHARLESTON AFB	CHARLESTON	4421	1389	5810	6885	10	3772	8 437 MILITARY AIRLIFT WING
WASHINGTON MCCHORD AFB	TACOMA	3205	1448	6703	8462	7	7176	8 62 MILITARY AIRLIFT WING

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1966

Installation	City	AFTA			Total Per.	Rank	Land-Area-Acres	Major Unit-Activity-Function
		F.M.	AFTA CIV. Tot.	AFTA Per.				
<b>GUARD AND RESERVE 1205)</b>								
ALABAMA BIRMINGHAM MUNICIPAL AIRPORT HALL AND STATION MARTIN AND STATION DARRELL FIELD	BIRMINGHAM DOthan Gadsden Montgomery	4 1 4 4	263 34 31 261	287 30 36 265	1808 150 161 1495	17 77 73 16	81 77 77 53	48 AIR NATIONAL GUARD ACTIVITIES 79 AIR NATIONAL GUARD ACTIVITIES 97 AIR NATIONAL GUARD ACTIVITIES 63 AIR NATIONAL GUARD ACTIVITIES
ARIZONA SKY HARBOR IAP TUCSON INTERNATIONAL AIRPORT	PHOENIX Tucson	14 3	244 423	262 426	1342 1567	25 16	61 49	65 AIR NATIONAL GUARD ACTIVITIES 56 AIR NATIONAL GUARD ACTIVITIES
ARKANSAS FORT SMITH MUNICIPAL AIRPORT HOT SPRINGS MEMORIAL FIELD	FORT SMITH HOT SPRINGS	• 2	• 20	• 22	• 122	• 86	95 12	41 AIR NATIONAL GUARD ACTIVITIES 86 AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA COMPTON AMM STATION LAWHARD MUNICIPAL AIRPORT MCNAUL HIGH ANDS FACILITY ONTARIO INTERNATIONAL AIRPORT VAN NUYS AIRPORT	COMPTON LAWHARD MCNAUL ONTARIO VAN NUYS	2 6 1 2 7	20 219 32 140 346	22 225 36 142 343	120 1188 160 965 1828	84 36 76 57 10	1602 41 9 39 62	10 AIR NATIONAL GUARD ACTIVITIES 70 AIR NATIONAL GUARD ACTIVITIES 92 AIR NATIONAL GUARD ACTIVITIES 71 AIR NATIONAL GUARD ACTIVITIES 69 AIR NATIONAL GUARD ACTIVITIES
COLOMBIA BLICKLEY AND BASE	AURORA	•	•	•	•	•	3246	3 AIR NATIONAL GUARD ACTIVITIES
CONNECTICUT COMM. AND COMMUNICATION STA SHAWLEY INTERNATIONAL AIRPORT	NEW HAVEN WINDSOR LOCKS	• 2	• 190	• 192	1016	• 82	30 168	74 AIR NATIONAL GUARD ACTIVITIES 27 AIR NATIONAL GUARD ACTIVITIES
DELAWARE CREATEN WILMINGTON AIRPORT	NEWPOINT	2	178	181	1067	47	67	61 AIR NATIONAL GUARD ACTIVITIES
GEORGIA POCONO LHM AND STATION PHIBBS AFB SAVANNAH AND COMM STATION	KENNESAW MARILTA SAVANNAH	1 124 7	35 468 7	36 993 220	168 3134 70	72 3 12	13 2214 12	82 AIR NATIONAL GUARD ACTIVITIES 9 MC ACT - SA TAN IAFK 86 AIR NATIONAL GUARD ACTIVITIES

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	Total Per.	Rank	Lent 1 Area. Acres		Major Unit-Activity-Function	
						Rank	Areas		
SAVANNAH MUNICIPAL AIRPORT MCNICHOLS AIRPORT COMB STA	SAVANNAH ST SIMONS IS	2	270	272	1167	40	231	23 AIR NATIONAL GUARD ACTIVITIES	
HAWAII KAALA AIR FORCE STATION	WAIIANA	*	91	91	91	94	6	100 AIR NATIONAL GUARD ACTIVITIES	
IDAHO AIR TERMINAL (GOWEN FLD)	BOISE	5	235	240	1343	24	457	97 AIR NATIONAL GUARD ACTIVITIES	
ILLINOIS CHICAGO O'HARE IAP CAPITAL MUNICIPAL AIRPORT	BARTONVILLE CHICAGO SPRINGFIELD	1 20 2	134 660 228	136 321 240	60 2 32	27	75	16 R/C ACT - 928 TAG (AFRI) 65 AIR NATIONAL GUARD ACTIVITIES	
INDIANA FORT WAYNE MUNICIPAL AIRPORT HULMAN FIELD	FORT WAYNE TERRE HAUTE	4 3	234 207	238 210	1302	31	86	45 AIR NATIONAL GUARD ACTIVITIES 20 AIR NATIONAL GUARD ACTIVITIES	
IOWA DES MOINES MUNICIPAL AIRPORT FORT DODGE FACILITY SIoux CITY MUNICIPAL AIRPORT	DES MOINES FORT DODGE SERGEANT BLUF	6 1 3	235 31 214	241 32 217	1273 133 1168	34 82 34	113 301 111	37 AIR NATIONAL GUARD ACTIVITIES 94 AIR NATIONAL GUARD ACTIVITIES 36 AIR NATIONAL GUARD ACTIVITIES	
KANSAS FORT HENRY AIRPORT SPARKEY HILL AND RANGE, KS	PAULINE BROOKVILLE	*	14	276	290	1162	42	795 33078 1 RANGE	12 AIR NATIONAL GUARD ACTIVITIES
KENTUCKY STANDIFORD FIELD	LOUISVILLE	4	244	248	1366	22	65	57 AIR NATIONAL GUARD ACTIVITIES	
LOUISIANA HAMMOND AND COMB STATION JACKSON BARRACKS AND STATION	HAMMOND NEW ORLEANS	*	20	20	241	69	14	61 AIR NATIONAL GUARD ACTIVITIES 102 AIR NATIONAL GUARD ACTIVITIES	

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTAA Mil.	AFTAA Civ.	AFTA Tot.	Total Perch.	Hawk	Land Area Acres	Rank	Major Unit-Activity-Function
		Landed	Guard						
MAINE SOUTH PORTLAND AND STATION	SOUTH PORTLAND	4	31	35	210	71	12	86	AIR NATIONAL GUARD ACTIVITIES
MARYLAND MARTIN AIRPORT	BALTIMORE	5	266	274	1926	8	63	88	AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS WESTOVER AFB WELLSLEY AND STATION	CHICOPPEE WELLESLEY WESTFIELD	67	744	831	2594	4	3463	4	RC ACT - 424 TAG (AFR) AIR NATIONAL GUARD ACTIVITIES
	WORCESTER	31	31	31	160	74	7	134	34 AIR NATIONAL GUARD ACTIVITIES
	WORCESTER AND STATION	3	186	189	1116	44	134	34	34 AIR NATIONAL GUARD ACTIVITIES
MICHIGAN PHILIP COLLINS AIRPORT SELFridge AND BASE	ALPENA MT CLEMENS SPRINGFIELD	36	1392	1453	4513	96	3197	6	AIR NATIONAL GUARD ACTIVITIES
	W.K. FILLMORE REGIONAL AIRFIELD	101	103	103	803	63	3749	3	RC ACT - 181 FIG (ANG) AIR NATIONAL GUARD ACTIVITIES
MINNESOTA MINNEAPOLIS-ST PAUL IAP	MINNEAPOLIS	32	689	612	2301	6	308	18	RC ACT - 934 TAG (AFR)
MISSISSIPPI ALLEN C THOMPSON FIELD GULFPORT IAP AND PEARL RIVER KEY FIELD	FILWOOD GULFPORT MERIDIAN	2	56	56	917	59	64	46	AIR NATIONAL GUARD ACTIVITIES
		5	230	235	1393	20	211	25	AIR NATIONAL GUARD ACTIVITIES
							74	53	AIR NATIONAL GUARD ACTIVITIES
MISSOURI MOSELAHNS MEMORIAL AIRPORT LAMBERT ST LOUIS IAP AND JEFFERSON BARRACKS AMB STATION	ELWOOD ST ANN ST LOUIS	2	287	290	834	62	91	42	AIR NATIONAL GUARD ACTIVITIES
		1	46	47	275	66	61	65	AIR NATIONAL GUARD ACTIVITIES
							136	33	AIR NATIONAL GUARD ACTIVITIES
PONTANA GREAT FALLS IAP	GREAT FALLS	2	306	308	1304	30	138	32	AIR NATIONAL GUARD ACTIVITIES

## UNCLASSIFIED

**DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1960**

Installation	City	AFTAA Mil. Civ.	AFTA Tot.	Total Pers.	Reserv.	Land Area Acres	Rank	Major Unit-Activity-Function
NEBRASKA LINCOLN MUNICIPAL AIRPORT	LINCOLN	1	245	246	1373	21	163	26 AIR NATIONAL GUARD ACTIVITIES
NEVADA RENO INTERNATIONAL AIRPORT	RENO	2	231	233	1329	26	120	36 AIR NATIONAL GUARD ACTIVITIES
NEW YORK NIAGARA FALLS IAP HOB. YN ANG STATION SCHENECTADY AIRPORT MONTGOMERY COUNTY MAP	NIAGARA FALLS ROSLYN SCHENECTADY WHITE PLAINS	22 5 1 3	609 233 167 166	631 238 188 169	2504 618 1041 959	5 64 51 56	80 80 106 106	11 RC ACT - 914 TAG (AFR) 66 AIR NATIONAL GUARD ACTIVITIES 39 AIR NATIONAL GUARD ACTIVITIES 106 AIR NATIONAL GUARD ACTIVITIES
NORTH CAROLINA DODDIN ANG STATION DOUGLASS MUNICIPAL AIRPORT	DODDIN CHARLOTTE	2	20	22	121	66	6	100 AIR NATIONAL GUARD ACTIVITIES
ORTH DAKOTA FARGO HECTOR FIELD	FARGO	9	278	287	1305	29	133	35 AIR NATIONAL GUARD ACTIVITIES
OIO BLUE ASH AND STATION MSPFIELD LAM AIRPORT SPRINGFIELD MUNICIPAL AIRPORT TOLEDO EXPRESS AIRPORT YOURSATION MUNICIPAL AIRPORT ZARESVILLE AND STATION	BLUE ASH MSPFIELD SPRINGFIELD TOLEDO YOURSATION ZARESVILLE	1 2 16 2 1 -	31 160 239 291 292 -	32 162 235 292 1146 76	133 106 13 291 1146 97	82 83 33 50 43 76	12 63 82 50 22 30	8 AIR NATIONAL GUARD ACTIVITIES 63 AIR NATIONAL GUARD ACTIVITIES 47 AIR NATIONAL GUARD ACTIVITIES 50 AIR NATIONAL GUARD ACTIVITIES 22 RC ACT - 910 TFA (A.S.) 74 AIR NATIONAL GUARD ACTIVITIES
OKLAHOMA WILL ROGERS WORLD AIRPORT TULSA INTERNATIONAL AIRPORT	OKLAHOMA CITY TULSA	6 2	225 209	231 211	1313 1156	26 41	71 78	52 AIR NATIONAL GUARD ACTIVITIES 61 AIR NATIONAL GUARD ACTIVITIES
OREGON PORTLAND IAP	PORTLAND	16	474	490	2157	7	394	15 RC ACT

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**DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1960**

Installation	City	AFTA M.I.	STA CIV.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank Major Unit-Activity-Function
<b>PENNSYLVANIA</b>								
GREATER PITTSBURGH AIR BASE GREATER PITTSBURGH IAP HARRISBURG IAP QUINSTEAD FIELD PHILADELPHIA IAP COMM STA AND STATE COLLEGE A&O STATION	CORALVILLE MIDON ETON PHILADELPHIA STATE COLLEGE	29 2 1 1	723 226 12 23	756 230 87 24	1845 1345 95 88	90 35 3 3	346 72 105 105	43 AIR NATIONAL GUARD ACTIVITIES 17 RC ACTIVITIES (AFR) 72 AIR NATIONAL GUARD ACTIVITIES 105 AIR NATIONAL GUARD ACTIVITIES
MIDDLE ISLAND COVENTRY AND STATION THE DODGE F GREEN MAP NO SMITHFIELD FACILITY, RI	COVENTRY LARICK SLATERSVILLE	4 5 34	5 34 34	4 34 160	100 644 160	17 19 10	19 19 90	79 AIR NATIONAL GUARD ACTIVITIES 77 AIR NATIONAL GUARD ACTIVITIES 90 AIR NATIONAL GUARD ACTIVITIES
SOUTH CAROLINA MCENTIRE A&O BASE	EASTOVER	4	246	250	1310	27	2330	6 AIR NATIONAL GUARD ACTIVITIES
SOUTH DAKOTA JOE FOSS FIELD	SIUX FALLS	2	216	218	1174	38	145	30 AIR NATIONAL GUARD ACTIVITIES
TENNESSEE ALCOA AND STATION ALCOA CHATTANOOGA NASHVILLE OAKVILLE	ALCOA ALCOA CHATTANOOGA NASHVILLE OAKVILLE	13 2 3 3	316 11 206 179	1 13 211 182	97 98 1185 1002	12 13 37 54	287 10 66 226	66 AIR NATIONAL GUARD ACTIVITIES 18 AIR NATIONAL GUARD ACTIVITIES 56 AIR NATIONAL GUARD ACTIVITIES 24 AIR NATIONAL GUARD ACTIVITIES
TEXAS GARNER AND BASE ELIMINATOR AND BASE LA PORTE AND STATION NEW ORLEANS A&O STATION	GARLAND GENDA LA PORTE NEDERLAND	4 4 2	28 442 11 11	32 446 11 13	147 1727 92 98	78 12 93 16	2436 12 92 9	102 AIR NATIONAL GUARD ACTIVITIES 7 AIR NATIONAL GUARD ACTIVITIES 66 AIR NATIONAL GUARD ACTIVITIES 92 AIR NATIONAL GUARD ACTIVITIES
UTAH FRANCIS PEAK AND STATION SALT LAKE CITY IAP	FARMINGTON SALT LAKE CITY	4 19	299	310	1729	11	20 75	76 AIR NATIONAL GUARD ACTIVITIES 52 AIR NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil	AFTA Civ.	Total AFTA Per.	Total Area Acres	Rank	Major Unit-Activity-Function
VERMONT BURLINGTON IAP	BURLINGTON	3	218	221	657	521	13 AIR NATIONAL GUARD ACTIVITIES
VIRGINIA BYRD FIELD	SANDSTON	2	256	258	1456	19	143 31 AIR NATIONAL GUARD ACTIVITIES
WASHINGTON BELLINGHAM MAP	BELLINGHAM	2	20	22	123	84	4 102 AIR NATIONAL GUARD ACTIVITIES
FOUR LAKES COMM STATION	CHEENEY	1	28	29	31	94	28 AIR NATIONAL GUARD ACTIVITIES
EVERETT	EVERETT	1	12	13	86	91	15 80 AIR NATIONAL GUARD ACTIVITIES
SEATTLE	SEATTLE	2	20	22	123	84	8 84 AIR NATIONAL GUARD ACTIVITIES
SEATTLE AIR BASE AND SEATTLE INTERNATIONAL AIRPORT	SPokane	2	7	9	149	78	79 30 AIR NATIONAL GUARD ACTIVITIES
WEST VIRGINIA PARKER COUNTY AIRPORT	CHARLESTON	4	174	178	1065	48	60 AIR NATIONAL GUARD ACTIVITIES
EASTERN WVA REGIONAL AIRPORT	PARTIERSBURG	11	179	190	1063	49	272 21 AIR NATIONAL GUARD ACTIVITIES
WISCONSIN VOK FIELD AND BASE	CAMP DODDHAS	3	41	44	143	60	7629 2 AIR NATIONAL GUARD ACTIVITIES
TRUMAN FIELD	MADISON	4	146	150	920	58	163 29 AIR NATIONAL GUARD ACTIVITIES
GEN BILLY MITCHELL FIELD	MILWAUKEE	10	927	937	1509	16	99 40 HC ACT - 440 TAN (AFR)
WYOMING CHEYENNE MAP ANG	CHEYENNE	1	163	164	1080	46	46 69 AIR NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1960

Installation	City	AFTA Mil.	AFTA Civ.	Total Pers.	Rank	Land Area Acres	Major Unit - Activity-Function
		AFTA Mil.	AFTA Civ.	Tot.	Pers.	Rank	Land Area Acres
GENERAL PURPOSE (202)							
ALBROOK AIR FORCE BASE	BALBOA	CANAL ZONE 358	32	380	1	571	2 SUPPORT OF GEN. PURPOSE FORCES
WAKE ISLAND AIR FORCE BASE	WAKE ISLAND	*	*	*	*	2600	1 WEATHER-SUPPORT

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1980

Installation	City	AfTA MIL	AfTA CIV.	AfTA Total Pers.	Total Pers.	Rank	Land Acre- Acres	Rank	Major Unit-Agency-Function
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## GENERAL PURPOSE (202)

## GERMANY, FEDERAL REP OF

GERMANY									
BITBURG	70	914	4684	4680	8	1083	16	36 TACTICAL FIGHTER WING	
LANDSTUHL	7848	2424	10772	11295	3	3032	5	86 TACTICAL FIGHTER WING	
LAUTENHAUSEN	4355	688	5453	5143	6	1233	12	50 TACTICAL FIGHTER WING	
SPIRNBACH	2406	611	3019	3462	14	583	22	50 TACTICAL CONTROL WING	
SPANDAU/LEM	3826	535	4361	4507	9	1216	13	52 TACTICAL FIGHTER WING	
ZWEIBRUECKEN	2250	420	2670	2698	15	694	21	28 TACTICAL RECON. WING	

## GREECE

GENERAL PURPOSE (202)									
CYRENE	706	67	853	1117	20	197	24	OPERATIONAL/TNG BASE	

## ITALY

GENERAL PURPOSE (202)									
PORDENONE	1058	436	2336	2392	17	961	16	40 TACTICAL GROUP	

## AVIATION AIR BASE

GENERAL PURPOSE (202)									
KADEMA, OKINAWA	16265	2260	12925	13514	1	5788	2	18 TACTICAL FIGHTER WING	
MISAWA	3281	690	3971	4030	12	3927	3	1 TACTICAL/PATROL AIRCRAFT	

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used by  
the U. S. Forces in Foreign Areas  
FY 1980

Installation	City	Land-Area-Acres					Rank	Major Unit-Activity-Function
		AFTA Hill.	AFTA CIV	Total Pers.	Rank	Area		
KOREA, REPUBLIC OF								
KUNSAN AIR BASE	KUNSAN	3119	500	3619	3856	13	2243	7 8 TACTICAL FIGHTER WING
OSAN AIR BASE	SONGJAN	4318	774	592	5339	4	1639	10 81 COMPOSITE WING
NETHERLANDS								
SOESTBERG		*	*	*	*	*	125	25 32 TACTICAL FIGHTER SQUADRON
CAMP NEW AMSTERDAM AIR BASE	PHILIPPINES							
CLARK AIR BASE CAMP O'DONNELL, RP	ANGELES O'DONNELL	6147	2385	10732	11441	2	9052	1 3 TACTICAL FIGHTER WING
LAJES FIELD	PRAIA	1239	1054	2298	2394	16	903	19 1605 AIR BASE WING
TORNEJON AIR BASE ZARAGOZA AIR BASE	MADRID ZARAGOZA	3822	975	4797	5141	7	2010	8 401 TACTICAL FIGHTER WING
		1453	145	1638	2247	18	2962	6 406 TACTICAL FIGHTER TWO WING

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces In Foreign Areas  
FY 1980

Installation	City	AFTA M... CIV	AFTA Per. Per.	Total Per. Per.	Rank	Area- Cross- Rank	Major Unit-Activity-Function
<b>TURKEY</b>							
<b>INCIRLIK AIR BASE</b>							
UNILIT R INDUS							
ALCONBURY RAF BASE	2233	•	2233	2237	16	1166	16 10 TACTICAL RECON WING
LAKEMEATH RAF BASE	4344	•	384	5028	5164	1564	8 48 TACTICAL FIGHTER WING
SWINDON RAF BASE	•	•	•	•	•	1273	11 TACTICAL FIGHTER SUPPORT
UPPER HEYFORD RAF BASE	3633	337	4170	4297	10	1181	11 20 TACTICAL FIGHTER WING
BENINGFATERS RAF BASE	3736	389	4137	4193	11	782	10 81 TACTICAL FIGHTER WING
WOODBUSH DOME WOODBUSH DUE	416	5	421	421	21	594	17 76 TACTICAL FIGHTER SQUADRON

## AIRLIFT/SEALIFT FORCES 1980

GERMANY, FEDERAL REP OF	BERLIN	TEPLITZ AIRPORT	JAHNIS	RHEIN MAIN AIR BASE
1032	697	1728	1728	4
4367	1190	6547	6729	2
				808 3 43D TACTICAL AIRLIFT WING

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used by  
the U.S. Forces in Europe Air Force  
FF 1950

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Installation	City	Afia Mil	Afia Civ	Afia Total	Total Pers.	Land Area- Acres	Rank	Major Unit-Activity-Function
	JAPAN							
YOKO	YOKO	4187	2233	6400	6862	1	1781	1 348 TACTICAL AIRLIFT SQUADRON
	UNITED KINGDOM							
MILDENHALL AIR BASE	MILDENHALL	2886	324	3180	3281	3	1017	2 B13 TACTICAL AIRLIFT WING

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
17 1980

Installation	City	Afia Mil	Afia Civ	Afia Total Pers	Rank	Land Acres	Avail Rank	Major Unit-Activity-Function
<b>INTELLIGENCE AND COMMUNICATIONS (303)</b>								
AT AIA SHAWA 10	AIA	621	23	644	705	2	3620	1 G STRATEGIC WING, DET 1
HAWAII FAIRFIELD AF SOLAR OBS RLS SITE	HANAKUA	12	0	12	12	3	6	4 SOLAR OBSERVATION
PENSACOLA MILITARY AIR BASE AF BELTON COMPT STATION ANNEX, MO	BELTON BELLON	68	307	375	1660	1	2834	5 443 TACTICAL AIRLIFT WING 3 COMMUNICATIONS
<b>MISFARTH AND DEVELOPMENT (305)</b>								
CALIFORNIA 103 ANME, LS, AFPS SUBVALLEY AIR FORCE STATION, CA CAMP PAMES CAMP ANNEX, CA 103 ANME/13 AF OI ANNEX, CA THOMAS AB CROFT PLAINS AIR STRIP, CA	EL DORADO SUMMERS PLEASANCE LOS ANGELES ROSAMOND BISHOP	1461 768 0 01 JB79 0	1079 237 0 96 2137 0	2830 1006 0 107 5/16 0	8042 1134 0 107 7140 0	3 0 0 4 2 000783	96 22 12 17 4 66	13 SPACE & MISSILE SYSTEMS ONE 15 RAD ACTIVITIES 16 COMMUNICATIONS 17 RAD ACTIVITIES 2 AF FLIGHT TEST CENTER 8 HIGH ALTITUDE TEST LANDINGS
FLORIDA CLOUD KEY AIR FORCE STATION TULIN AB EM IN AAF 2, FL EM IN 10 AAF, FL EM IN AAF 2, FL EM IN 10 AAF, FL EM IN CLOUD KEY SURF AAF, FL	PERK VALPARISO CRESTVIEW MILLION HICKVILLE MILLION VALPARISO	7006 311 0 01 JB79 0	3273 846 0 0 0 0	112/0 886 0 0 0 0	13301 2003 0 0 0 0	70 4626/3 586 629 702 173 867	14 ELECTRONICA SITE 1 AMMENENT DEVELOPMENT TEST CTR 10 SPECIAL OPERATIONS GROUP 9 AUXILIARY FIELD 7 AUXILIARY FIELD 11 AUXILIARY FIELD 6 SPECIAL OPERATIONS WING	

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE SIMULATIONS  
AUXILIARY FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTAA MIL.	AFTAA CIV.	Total Fees. Per A.	Total Per A.	Land Acres. Rents	Major Unit-Activity-Function:
MASSACHUSETTS HANCOCK AFB	BEDFORD	1897	2664	4781	3160	4	857    6 ELECTRONICS SYSTEMS DIV AFSC
NEW MEXICO SACAHARNO PEAK UPPER AIR RES	CLOUD CHAFT	*	*	*	*	*	41356    3 RESEARCH SITE
NEW YORK (ORION TEST SITE)	YONKERS/CHAM	3	2	5	5	10	99    12 R&D ACTIVITIES
TENNESSEE ANNEX D FTS	MANCHESTER	95	154	249	3341	6	36031    4 ENGINE DEVELOPMENT CTR

CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (207)

FLORIDA PAULINA AFR	COCOA BEACH	3632	2170	8081	6404	1	2342    2 AF EASTERN TEST RANGE
CAMP CANAVERAL AIR FORCE STA. FL	PONT CANNENAL	2	+	2	3221	2	16424    1 EASTERN TEST RANGE

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
AUXILIARY FORCES  
Military Installations Used By  
the U.S. Forces in Foreign Areas  
FY 1980

Installation	City	Afia	Afia	Total	Land Area - Acres	Air Force Rank	Major Unit-Activity-Function
		Mil.	Civ.	Tot			
INTELLIGENCE AND COMMUNICATIONS (303)							
ITALY							
SAN VITO AIR STATION	SAN VITO	1241	228	1469	1000	1	369 3 COMMUNICATIONS
PHILIPPINES							
JAN FFRIANDO		*	*	*		492	2 COMMUNICATIONS
WALLACE AIR STATION					LARKEY		
KARAMUHSEL AIR STATION	KARAMUHSEL	683	227	922	922	2	822 1 COMMUNICATIONS

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Mil. CIV.	AFTA CIV.	Total Lots	Total Perch.	Rank	Acre- Acres	Rank	Major Unit-Activity-Function
<b>STRATEGIC (401)</b>									
COLORADO PETERSON AFB NORAD COMINT OPS CTR ANNEX, CO	COLORADO SPRINGS COLORADO	2085	937	3022	3566	1	1176	1	AEROSPACE DEF CMD HQ/48 AD WO
GENERAL PURPOSE (402)	ANCHOR BAY HALF MOON BAY	• 87	• 32	• 119	• 120	• 4	90	6	GENERAL SUPPORT ANNEX
CALIFORNIA POINT MIRAMAR AIR FORCE STATION PILOT POINT AIR FORCE STATION							47	7	GENERAL SUPPORT ANNEX
HAWAII HICKAM AFB WAIIANA COMM STATION, HI BELLWORL AIR FORCE STATION, HI JOHNSON ATOLL AFD, JO KAIENA POINT FACILITY, HI POPEL ASR, HI PUNAHANO AIR FORCE STATION, HI	IONICOLULU (APUSF) WHITEHORN VIL WAIIANA JOHNSON ISLAND WAIIANA KOPAIA KANAKU	3502	4036	3540	11078	1	2725	1	AIRBORNE COMMAND & CONTROL SDO
OHLAHPA OKLAHOMA CITY AFS	HIGHEST CITY	231	311	542	844	2	129	5	GENERAL SUPPORT ANNEX

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1980

Installation	City	AFTA Mil.	AFTA Civ.	Total	Per Cap.	Rank	Land-Area-Acres			Major Units-Activity-Function
							Area-Acres	Rank	Major Units-Activity-Function	
GENERAL PURPOSE (402)										
HONOLULU AIR FORCE BASE	BALBOA	CANAL ZONE 1670	692	2362	2406	I	14078	1	USAF SOUTHERN AIR DIV	

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
MISSION SUPPORT FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1980

Installation	City	Land-Area				Rank	Major Unit-Activity-Function
		AFTAA Mil.	AFTAA Civ.	Total Pers.	Total Area		
<b>GENERAL PURPOSE (402)</b>							
GERMANY - FEDERAL REP OF							
MESSEN LINDSEY AIR STATION	WITSBADEN	1311	366	1696	1724	2	30 4 SUPPORT ACTIVITIES
ANATOLIA EINSHIEDERKIRCH AIR STATION	KAISELSAUTERN	*	*	*	*	244	1 SUPPORT ACTIVITIES
GREECE							
ATHENS	ATHENS	1273	353	1626	2044	1	172 2 7206 AIR BASE GROUP
TURKEY							
ANKARA AIR STATION	ANKARA	280	126	406	962	3	133 3 SUPPORT ACTIVITIES

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA			Total	Land Area Acres	Rank	Major Unit-Activity-Function
		Mil.	Civ.	Perc.	Tot.			
<b>CENTRAL SUPPLY AND MAINTENANCE (507)</b>								
ARIZONA AIR FORCE PLANT 44	TUCSON	*	*	*	*	*	2174	10 PRODUCTION-MISSILES (C)
CALIFORNIA AIR FORCE PLANT 42 PHLELIAN AFIS PHLELIAN STORAGE ANNEX, CA LINCOLN CAMP ANNEX, CA AIR FORCE PLANT 19	PALM SPRINGS SACRAMENTO FOR SOM LINCOLN N SAN DIEGO	2079 2 21	1201 59 1 0	15680 6: 22 0	10564 61 22 0	5518 3667 62 356	6 PRODUCTION-AIRCRAFT PARTS (C) 9 AIR LOGISTICS CENTER 29 STORAGE ANNEX 19 COMMUNICATIONS	
COLOMBIA AIR FORCE PLT (MISSILE SITE 11)	DENVER	*	*	*	*	*	464	17 PRODUCTION-MISSILE PARTS (C)
GEORGIA AIR FORCE PLANT 6 ROBINS AF	PHILOTTA WARNER ROBINS	3743	14277	18026	19325	5	763	15 PRODUCTION-AIRCRAFT PARTS (C) 5 AIR LOGISTICS CENTER
KANSAS AIR FORCE PLANT 13	WICHITA	*	*	*	*	*	649	15 PRODUCTION-AIRCRAFT (C)
MARYLAND AIR FORCE PLANT 60	HAGERSTOWN	*	*	*	*	*	15	37 AIRCFT QUALITY EXTENSIONS (C)
MASSACHUSETTS AIR FORCE PLANT 28	EVEMETT LYNN NORTH DRAFTON	*	*	*	*	*	49	30 PRODUCTION-JET ENGINES (C)
MISSOURI AIR FORCE PLANT 65 RIM AEROSPACE CTR AIR FORCE PLANT 64	NEOSHO ST LOUIS ST LOUIS	*	7 0	1330 0	3360	7	66 45	18 ENGINE OVERHAUL (C) 27 PRODUCTION-AEROSPACE (MAPSIDA) 31 PRODUCTION-AIRCRAFT (C)

UNCLASSIFIED  
 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 CENTRAL SUPPORT FORCES  
 UNITED STATES  
 FY 1980

Installation	City	AFIA			Land-Area-Acres		Rank	Major Unit-Activity-Function
		Mil.	Civ.	Total Pairs	Rate	Acres		
ALBUQUERQUE								
NEW MEXICO AIR FORCE PLANT 83		•	•	•	•	•	33	33 PRODUCTION-JET ENGINE PARTS (C)
NEW YORK								
AIR FORCE PLANT 90 AIR FORCE PLANT 36 AIR FORCE PLANT 49	BINGHAMTON BUFFALO BUFFALO	• • •	• • •	• • •	• • •	• • •	30 661 6	34 PRODUCTION-AIRCRAFT SYSTEMS (C) 12 PRODUCTION-ROCKET ENGINES (C) 26 PRODUCTION-STEEL SHAPE (C)
CLEVELAND								
OHIO AIR FORCE PLANT 47 INTL. ELECTRONICS SUPPLY CTR AIR FORCE PLANT 36 AIR FORCE PLANT 49 WILSON PATERSON AFB NEWARK AIR FORCE STATION NEW MEXICO AIR FORCE ANNEX, NM AIR FORCE PLANT 27	DAYTON CV. INDALTE CAIRBONN CLIFIN LICING TOLEDO	30 701 51 6 6 6 6	2665 15616 2342 2693 22835 25710 2622 2693	2695 • • 25710 2622 • •	• • • 1 • • •	• • • 1 • • •	26 163 66 6560 56 40 79	35 PRODUCTION-AIRCRAFT FORGINGS (C) 22 LOGISTICS DEPOT 27 PRODUCTION-JET ENGINES (C) 4 AIR NATIONAL GUARD ACTIVITIES 28 STORAGE 24 PRODUCTION-JET ENGINES (C)
HOBOKEN CITY								
NEW JERSEY TULSA	TULSA	4410	16072	20162	22903	3	4362 232	6 AIR LOGISTICS CENTER 20 PRODUCTION-AIRCRAFT PARTS (C)
FORT WORTH								
TEXAS AIR FORCE PLANT 4 FORT WORTH SAN ANTONIO AIR FORCE STATION, TX	SAN ANTONIO SAN ANTONIO	4259 35	16,296 390	21,266 425	25241 456	2 10	515 4619 164	16 PRODUCTION-WEAPONS SYSTEMS (C) 7 AIR LOGISTICS CENTER 23 COMMUNICATIONS
BRIGHAM CITY								
UTAH AIR FORCE PLANT 10 AIR FORCE PLANT 77 HILL AFB WRENTHAM, MA HILL AFB, UT	BRIGHAM CITY CITY FARM FIELD C. CLARK FIELD WRENTHAM HILL AFB	• 4203 • 66	• 13362 • 13	• 17595 • 69	20015 • 69	• 4 11	1616 668 945902 572588 351538	11 PRODUCTION-MISSILES (C) 14 PRODUCTION-MISSILES (C) 1 AIR LOGISTICS CENTER 2 RANGE 3 RANGE

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTA Hrs.	AFTA Cler.	AFTA Tot.	Total Per.	Total Per.	Land- Area Acres	Rank	Major Unit-Activity-Function
<b>TRAINING, MEDICAL AND OTHER PERSONNEL (1508)</b>									
ALABAMA	MONTGOMERY MONMONTGOMERY MONMONTGOMERY	3767	2826	9249	6	2690	14 AIR UNIVERSITY 23 AF DATA SYSTEMS DESIGN CENTER 25 COMMUNICATIONS		
MAXWELL AFB WALTER AFB, AL	CORPORATE ANNEX, AL MANTEK LOUP	"	7	7	7	18	37		
ARIZONA	CHANDLER RITTERHOUSE COOK, AZ	2276	754	3030	10	4887	6 62 FLYING TRAINING WING 21 AUXILIARY TRAINING FIELD 27 AUXILIARY TRAINING FIELD		
CALIFORNIA	RANCHO CORDOVA PATHEK AFB	3733	1315	5108	6803	9	5798	4 323 FLYING TRAINING WING	
COLORADO	CODORADO SPRGS DENVER WATKINS	2444	1952	4296	9242	7	16323	1 OFFICER ACQUISITION TRAINING 3 TECHNICAL TRAINING CENTER	
US AIR FORCE ACADEMY LOWMYER AFB TRAINING ANNEX, CO	"	3393	4159	7552	12086	3	6060	10 TRAINING	
ILLINOIS	RAMSEY CHARUTE AFB	2626	1361	3987	9369	6	2174	16 TECHNICAL TRAINING CENTER	
MISSISSIPPI	BILOXI BILOXI CHULMEDEIS HAMILTON	5443	2610	8253	14309	2	3565	11 TECHNICAL TRAINING CENTER 24 TRAINING 7 14 FLYING TRAINING WING 29 AUXILIARY TRAINING FIELD	
KLEESLEN AFB PEFFLER OI TNG, MS	"	2077	537	2614	3060	11	4956		
COLLEGE AFB MARION COUNTY AIRPORT, AL	"	15	"	15	15	17	1		
OKLAHOMA	ENID JET	680	127	617	2755	15	4204	9 71 FLYING TRAINING WING 11 34 17 AUXILIARY TRAINING FIELD	
TEXAS	DEL RIO GUADALAJARA LUBBOCK	1974	165	3539	2939	12	5306	6 47 FLYING TRAINING WING 20 AUXILIARY TRAINING FIELD 12 64 FLYING TRAINING WING	
"	"	6410	2470	2673	1-		3546		

UNCLASSIFIED

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1960

Installation	City	AFIA		AFIA		Total Area Acres	Major Unit-Activity-Function
		Mil.	Civ.	Total Per.	Per.		
BROWN FIELD		0	298	1330	16	520	22 AUXILIARY TRAINING FIELD
SAN ANGELO		1032	0	0	0	1119	10 6940 SECURITY WING
SAN ANTONIO		1404	954	2308	14	1310	16 AEMOSA/C MEDICAL DIVISION
SAN ANTONIO		6467	2106	6875	23472	1	2 USAF BASIC MILITARY SCHOOL
MOMOQ		0	0	0	0	1	29 AUXILIARY TRAINING FIELD
CASTROVILLE		0	0	0	0	1	29 AUXILIARY FIELD
UNIVERSAL CITY		4590	2460	7050	7459	0	13 12 FLYING TRAINING FIELD
SEGUIN		0	0	0	0	3497	13 12 AUXILIARY TRAINING FIELD
WICHITA FALLS		3516	1734	5250	11079	4	826 5 TECHNICAL TRAINING CENTER
FREDERICK		0	0	0	0	9	26 AUXILIARY AIRFIELD

ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)

DIST OF CIV LMSA  
BOLLING AFB  
WASHINGTON  
1933 734 2672 2687 1 606 1 HQ USAF SUPPORT

## CHAPTER FIVE

### MARINE CORPS BASE STRUCTURE

#### I. INTRODUCTION

This Chapter presents the Marine Corps' approach to a basing structure and the relationship of this structure to the Marine Corps' tactical force structure. In addition, base operating costs are identified.

The National Security Act of 1947, as amended, prescribes the organization of the Marine Corps.

Based upon this directive, today's Marine Corps is organized into three active and one Reserve Division-Wing Teams, security forces for Naval installations, combatant vessels and embassies, plus a support establishment of operating bases, air stations, training centers, logistic and support bases and headquarters elements.

The Marine Corps has identified no future force programs which will change the basic organization of the Marine Corps or its installation alignment.

## II. BASE STRUCTURE OVERVIEW

Marine Corps installations are geographically situated to support its tactical forces and are positioned for maximum responsiveness to contingency operations.

Marine Corps operational commitments are projected to remain unchanged from the FY 1978 projections. Specifically, the Marine Corps will maintain one Marine Amphibious Force (MAF) on the East Coast of the U. S. available to CINCLANT for commitment anywhere in the Atlantic or Caribbean. This East Coast based MAF will also continue to provide up to two Marine Amphibious Units (MAU's) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean, as necessary. This MAF will also continue to be earmarked as our primary force for Allied Command Europe (ACE) in event of NATO/Warsaw Pact hostilities.

One MAF will remain forward deployed in the western Pacific, one BDF of that MAF will remain in Hawaii and one MAF will remain on the West Coast of the U. S. The West Coast and Hawaii based units will rotate BLT's to the western Pacific. Two MAU's will be available at all times for afloat commitments from the western Pacific based units.

One MAF will remain based on the West Coast of the U. S., earmarked as a follow-on force for ACE in the event of a NATO conflict, or as a follow-on force for a conflict in Asia.

The Reserve Division Wing/Team will be prepared on short notice to augment the active structure with additional capabilities for a major war.

The general force plans for Fleet Marine Forces (FMF) are to maintain three active MAF's and one Reserve Division Wing Team at the maximum state of readiness and deployment so as to assure a capability for rapid and effective response anywhere in the world to support the National strategy. The basic concept that links operating forces with the base structure is the essential requirement to maintain a base and logistics structure capable of:

- supporting peacetime force levels and operational commitments;

- accommodating rapid expansion to wartime force levels : event of mobilization; and,
- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

Rationale for the Location of Major Activities:

1. Operational bases Camp Lejeune, Camp Pendleton, Camp Butler and Air Station Kaneohe Bay supporting the FMF have the following specific requirements:
  - a. Adequate training areas for both vertical and over-the-beach amphibious assault training.
  - b. Direct rail and highway access to mount-out ports (with one way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.
  - c. Helicopter shore facility located to afford direct mount-out and on-load of amphibious shipping at sea from shore based facility.
  - d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed-wing VTC sites within the Division area to support air-ground team training and operations.
  - e. Adequate facilities for combined arms training to include impact areas for live firing of organic weapons.
  - f. Remote areas with suitable beaches and undeveloped airfield sites for advance deployment training of air-ground teams.
  - g. Ready access to established logistical supporting bases.
  - h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious training and exercises.

2. Aviation Combat Elements have the following requirements:

a. Fighter and Attack Squadrons (VMFA/VMA), located at Marine Corps Air Station, Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.

(1) A tactical jet air base within 100-200 miles of the Division base.

(2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation aviation use in emergency situations such as low fuel state or fouled deck.

(3) Field Mirror Landing Practice at the field and other suitable outlying airfield within 100 miles of home base.

(4) High performance air combat maneuvering air space free from other activity and within 100 miles of home base.

(5) Sea and air space free from other activity for safe firing of Sidewinder, Sparrow, or other air-to-air missiles currently in the inventory or those which will be introduced or tested in the foreseeable future.

(6) Instrumented weapons range, targets and control facilities, free from other activity for safe firing of missile weapons systems and for Special Weapons Delivery Training.

(7) Targets and control facilities for delivery of air-to-air-surface ordnance in ground, sea and air space free from other activity and installations for accomplishment of necessary training with conventional ordnance. Targets within 100 nautical miles of home base. If located greater than 100 miles from home base, a support field with appropriate facilities will be required to support aviation unit deployments.

(8) Fixed and moving shore and seaborne targets for accomplishment of necessary all-weather training with conventional ordnance and guided stand-off weapons which are currently available or will be introduced.

(9) Ground Controlled Intercept/Marine Tactical Data System (GCI/MTDS) units located so as to promote air-to-air intercept training.

(10) Suitable air space for conduct of aerial refueling practice.

b. Marine Attack Helicopter/Marine Light Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HMA/HML/HMM/HMH/VMO), located Marine Corps Air Stations, Tustin, New River, and Futenma.

(1) A helicopter air station located within 40 miles of a Marine division.

(2) High elevation confined area landing sites for training rotary wing pilots.

(3) Protected air space and ordnance target complexes within 50 miles of home port for training pilots and gunners.

(4) Outlying landing sites within 50 miles of home port for the conduct of syllabus training including Field Carrier Landing Practice.

(5) Facilities for all-weather training.

(6) Ready access to division training areas for combined arms and assault helicopter joint vertical training.

(7) Ready access to helicopter capable amphibious shipping (LHA/LPH) for the conduct of ship-based training and operations.

3. Marine Corps operating bases for forward deployed units in Japan and Hawaii, generally meet the requirements as stated previously.

4. Twentynine Palms was originally established as an artillery training base and aviation gunnery range. However, the recently established Marine Corps Air Ground Combat Training Center increases the overall use of this facility because of the year round use by all

elements of the Marine combined arms team. Twentynine Palms' size and location permits unrestricted firing in almost any direction of both artillery and air delivered ordnance. Additionally, this base provides ample space for the maneuver of mobile-mechanized task forces. The Marine Corps Communications-Electronics School is also located at Twentynine Palms. This school was moved from San Diego to Twentynine Palms because of the absence of electromagnetic interference and conflicting electromagnetic transmissions in the San Diego area.

5. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps Logistics Bases are geographically located to provide the required direct support to individual FMF's at near minimum operating and transportation costs. Both are located in areas of relatively stable labor markets where there is little or no competition from either government or civilian sectors for required labor skills.

6. The Marine Corps maintains two recruit depots, one at Parris Island in South Carolina, and the other at San Diego in California. The Marine Corps trained 41,370 male regular and Reserve recruits and 2,120 female regular and Reserve recruits during Fiscal Year 1978. Neither Recruit Depot at Parris Island nor the one at San Diego can handle the recruit load alone. Generally, recruits from the Western half of the nation are trained at San Diego and those from the East are trained at Parris Island. Women are trained only at Parris Island. The geographical location of the present depots reduces the travel costs of arriving recruits and of graduating Marines. The Marine Corps finds the present two depots and their location a satisfactory arrangement.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Marine Corps base structure is reflective of the mission to support its current and projected force structure levels. It is continually under review for potential mission changes, economy measures and other relevant developments. Currently under study is the base closure/realignment of the two recruit depots, the conclusion of which has yet to be determined.

#### STRATEGIC FORCES (100)

Not applicable

#### GENERAL PURPOSE FORCES (200)

The Marine Corps has three active Marine Amphibious Forces (MAF's). Two MAF's and a portion of the third MAF are based in the United States.

I MAF is based on the West Coast with its Headquarters and the 1st Marine Division (MARDIV) located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation component of I MAF has its fixed wing aviation elements located at Marine Corps Air Station (MCAS), El Toro, California and MCAS, Yuma, Arizona. The helicopter elements of 3d MAW are located at MCAS (Helicopter) (MCAS (H)), Tustin, California and at the auxiliary field at Camp Pendleton. The 1st Force Service Support Group (FSSG), I MAF's logistical component is also located at Camp Pendleton. A tank battalion and long range artillery are located at Marine Corps Base (MCB), Twentynine Palms, California. An expeditionary airfield has been established to support the Marine Corps Air Ground Combat Training Center (MCAGCTC) at Twentynine Palms. The addition of a reinforced infantry battalion and the remaining two companies of the tank battalion during FY 1978 has significantly increased activity and facility requirements at MCB Twentynine Palms. The West Coast based I MAF is the follow-on force in the event of a NATO/Warsaw Pact war or a conflict in the Western Pacific area.

The 2d MARDIV, the ground combat component of II MAF, is located at Camp Lejeune, as is the logistic component, the 2d FSSG. The 2d MAW, the MAF's aviation component, has its fixed wing aviation units located at MCAS Cherry Point, North Carolina and MCAS Beaufort,

South Carolina. The helicopter units are located at MCAS (H), New River, adjacent to Camp Lejeune. The East Coast based MAF is the Marine Corps' primary force in the event of a NATO/Warsaw Pact war.

The 1st Marine Brigade (MARSDE) is stationed at MCAS Kaneohe Bay, Hawaii. The ground component of the Brigade consists of the 3d Marine Regiment of the 3d MARDIV, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. As of November 1978, one of the three infantry battalions and a portion of the aviation assets assigned to the Brigade will be continuously deployed. Dependents of the deployed personnel will be home-based at MCAS Kaneohe Bay and the requirement for facilities to support dependents will remain unchanged. The 1st Marine Brigade is immediately available for contingency operations in Asia.

III MAF, consisting of ground, aviation, and logistic components is headquartered in Okinawa, Japan. The ground combat component consists of two regiments of the 3d MARDIV reinforced and is located at several installations on Okinawa collectively known as Camp Butler, 1st Marine Brigade is located at MCAS Kaneohe Bay, Hawaii. The logistic component, 3d FSSG, is also located at Camp Butler. The Helicopter component is located at MCAS (H) Futenma, Okinawa while a portion of the tactical fixed wing aviation component is based at MCAS Iwakuni, Japan and the remainder on Okinawa. The forward based III MAF is immediately available for contingency operations in Asia.

#### AUXILIARY FORCES (300)

Not applicable

#### MISSION SUPPORT FORCES (400)

The two FMF Headquarters, Fleet Marine Force, Atlantic at Camp Elmore, Norfolk, Virginia and Fleet Marine Force, Pacific at Camp Smith, Honolulu, Hawaii are collocated. Force, Pacific at Camp Smith, Honolulu, Hawaii are collocated with Headquarters, Commander-in-Chief, Atlantic, and Commander-in-Chief, Pacific respectively, for command, control, and communications efficiency.

The Mountain Warfare Training Center (MWTC) is located in Bridgeport, California. The Center is necessary to support unit training requirements under terrain and climate conditions not available elsewhere in the Western United States. The Marine Corps mission in support of contingency plans requires Marines to be trained and equipped for amphibious operations in the full range of climate and geographical situations. The peculiar skills required to operate in cold weather and mountainous terrain can be attained only by training in such a climate and terrain. These conditions are available at the MWTC. The MWTC also provides the Marine Corps with a ready-made training environment to place individuals and units under certain physical and mental demands paralleling those found in combat.

Marine Corps Auxiliary Landing Field (MCALF) Bogue is located in North Carolina between Camp Lejeune and MCAS Cherry Point. The installation has been altered to accommodate the Expeditionary Airfield (EAF) program which is the present mission of the airfield. The installation is divided into two geographical areas; a garrison area and an expeditionary area. The garrison area provides support and services for those personnel in EAF training and for EAF equipment evaluation. The expeditionary area includes the airfield pavements and is operated only within the capability of the installed EAF equipment to retain as realistic combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews, Marine Corps engineer, and Naval Construction Battalion personnel in the installation, maintenance, use, and operation of EAF equipment.

#### CENTRAL SUPPORT FORCES (500)

The Marine Corps has two logistic support bases, one at Albany, Georgia, and the other at Barstow, California.

The Marine Corps maintains two recruit depots, one at Parris Island, South Carolina, and the other at San Diego, California.

The Marine Corps Development and Education Command (MCDEC) is located at Quantico, Virginia. MCDEC provides the professional development training for Marine Corps officers at the basic, intermediate, and senior level as well as providing precommissioning training for all

Marine Corps officer candidates. Professional development training for Marine Staff Non-Commissioned Officers is conducted at the Marine Staff NCO Academy. Courses are also provided in communications and computer sciences for officers and enlisted. In addition, MCDEC develops the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations.

Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, Virginia. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to enlisted member's billeting and messing, enlisted and Staff Non-commissioned Officer clubs, post exchange services, and recreational facilities. Henderson Hall's collocation with Headquarters Marine Corps increases the efficiency of the support services it provides.

Marine Corps Air Facility (MCAF), Quantico provides maintenance and support facilities for HMX-1. HMX-1 provides helicopter support for the President of the United States, the Vice President, members of the Cabinet, and foreign dignitaries. MCAF Quantico is situated within easy supporting distance of the Capital.

INDIVIDUALS (600)

Not applicable

**IV. BASE OPERATIONS COSTS (BOC) FOR FY 1980**

A summary of the estimated FY 1980 Base Operating Costs as defined in the Introduction follows:

TABLE XIV

## MAJOR DEFENSE PROGRAMS

MARINE CORPS BASE OPERATIONS COSTS (\$ MILLIONS) 1/

<u>Major Defense Programs</u>	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Overseas Areas</u>	<u>Total</u>
Strategic (01)	-	-	-	-
General Purpose (02)	371.2	-	102.2	473.4
Intell. & Comm. (03)	-	-	-	-
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	7.2	-	-	7.2
Research & Develop. (06)	-	-	-	-
Cent. Supply & Maint. (07)	60.4	-	0.5	60.9
Trng. Med. & Other Pers. (08)	108.4	-	-	108.4
Admin. & Assoc. (09)	5.3	-	-	5.3
Spt. of Other Nations (10)	-	-	-	-
<b>TOTAL MARINE CORPS</b>	<b>552.5</b>	<b>-</b>	<b>102.7</b>	<b>655.2</b>

1/ Includes reimbursable amounts.

## V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Marine Corps continues to pursue all possible means to reduce base operations costs, including:

1. The investigation of potential base closure/realignment actions for Recruit Depots, Parris Island, South Carolina and San Diego, California.
2. The construction of nine projects under the Energy Conservation Investment Program (ECIP).
3. The implementation of the Navy Automated Civilian Manpower Information System (NACMIS), a central source of data for all Department of Navy civilian personnel.

**SECTION VI**

**MARINE CORPS BASE STRUCTURE**

TABLE XV  
SUMMARY OF NUMBER OF USMC INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC FORCE				
- None				
GENERAL PURPOSE FORCES				
- General Purpose (202)	16		3	19
AUXILIARY FORCES				
- None				
MISSION SUPPORT FORCES				
- General Purpose (402)		4		4
CENTRAL SUPPORT FORCES				
- Central Supply and Maintenance (507)		2		2
- Training, Medical and Other Personnel (508)		3		3
INDIVIDUALS				
- None				
TOTAL USMC	25		3	28

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
GENERAL PURPOSE FACILITIES  
UNITED STATES  
FY 1980

GENERAL PURPOSE (202)	Installation	City	AFTA Mill.	AFTA CIV.	AFTA Tot.	Total Pura	Rank	Land Area Acres	Major Unit-Activity-Function
ARIZONA MCAS, YUMA	YUMA		2838	374	3212	3663	6	2929	9 JET TNG & OPERATIONAL SUPPORT
CALIFORNIA MCAS, EI TORO MC. BASE, CAMP PENDETON MC. AFONS TWO CTR, BRIDGEPORT CA MC BASE, TWENTYNINE PALMS PA. 15 (H), TUSTIN	IRVINE OC INSIDE BRIDGEPORT PALM SPRINGS TUSTIN		8590 29549 176 * 5720 2290	864 176 * 365 6065 35	9402 31265 17 17 7976 2325	9639 32706 17 17 2652 2652	4 2 10 10 6 9	6219 165925 60513 60513 595589 1697	6 HQ 3RD MAW/JET TNG/OPR SPT 2 HQ 1ST MAR DIV/TNG TNG/OPR SPT 4 TRAINING AREA 1 HQ FORTRESS FAC/MCAGTC/MCCE SCH 11 MAR-16/HELLO TRAINING/OPERATION
HAWAII MCAS, LANAIKEA BAY	KAHUA		8072	449	8521	8527	5	39356	5 1ST MARBDE/JET & HELLO TNG
NEITH CAMP INA MCAS, CLEAR POINT MCAS, NEW HAMMER, NC MCAS, ATLANTIC, NC MCAS, BOHLE, NC MC BASE, CAMP LEJEUNE MCAS, CAMP DAVIS, NC MCAS (H), NEW RIVER, NC MCAS, OAK GROVE, NC	HALEVONG WILMINGTON HAF, OCF SIAM (SOI) JACKSONVILLE INDIANAPOLIS JACKSONVILLE ILU, ICFN		8923	3763	12716	12940	3	26683	6 HQ 2ND MAW/JET TNG & OPNS/MARF 13 AVIATION PROFICIENCY TRAINING 12 AVIATION PROFICIENCY TRAINING 16 2ND MAW/EXPEDITION AIRFIELD TNG 3 HQ 2ND MAR DIV/TNG/OPN SPT 15 AVIATION PROFICIENCY TRAINING 10 HAG 2G/TNG/OPR SUPPORT 2773 9/6
SOUTH CAMP INA MCAS, BEAUFORT	BEAUFORT		3257	413	3670	3676	7	6675	7 MAG-31/JET TNG/OPN SUPPORT

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DEPARTMENT OF DEFENSE  
MANAGE COMINT'S BASE STRUCTURE  
COMINT MAN PHOTOS, INDONESIA  
Military Installations Used By  
the U.S. Forces in Southwest Asia  
in Iraq

Installation	City	AFTA			Total	Land Area Acres	Major Unit	Activity-Function
		Mil	Civ	AFTA Int	Area Total Acres			
JAPAN								
FUJIWARA, OKINAWA	10801	10112	18616	18616	1	92404	1 TRAINING/OPERATIONAL SUPPORT	
FUJIWARA, OKINAWA	3247	48	3292	3292	3	1222	3 HELICOPTER TRAINING	
TAIKIJI, OKINAWA	4431	838	5346	5346	2	464	2 JET TRAINER/OPERATIONAL SPY	

U.S. MAINTENANCE (702)

MANAGE COMINT BASE, CAMP SUTER  
MANAGE COMINT AIR STA., FUJIWARA  
HEADLINE COMINT AIR STA., TAIKIJI

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DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
MISSION SUPPORT FORCE 1  
UNITED STATES  
FY 1980

Installation	City	AFIA #1	AFIA CIV.	AFIA Tot.	Total Parts	Name	Land Area Acres	Major Unit Activity-Function	Ave. Across	
									Total	%
GENERAL PURPOSE LAND:										
BIST OF CAMPBELL	WASHINGTON	840	32	1030	1018	2	4	3 CEREMONIES/SECURITY/MC INET		
MARINE BARRACKS BETHESDA	WASHINGTON	161	28	1030	1039	2	467	1 HQ FMF PAC/MC CINPAC		
HAWAII CAMP H. M. SMITH	HONOLULU	161	28	1030	1039	2	467	1 HQ FMF PAC/MC CINPAC		
VIRGINIA CAMP LUDLOWE MCMC, INTERACTION TEAM	WASHINGTON DC	720 262	22	720 264	721 2706	4 1	28 21	2 HQ FMF LANI 3 HQ USMC		

WING 35: FIELD

DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
TENATIONAL AIRPORT FORCES  
UNITED STATES  
FY 1980

Installation	City	AFTAA Mil. Civ.	AFTA Tot.	Total Pers.	Land Area Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (607)							
CALIFORNIA MC LOGISTICS BASE, PAC	BASILON	932	1986	2918	2843	2	5687 1 DEPOT MAINT/SUPPLY & STORAGE
GEORGIA MC LOGISTICS BASE, LACI	ALBANY	1169	2249	3398	3493	1	3327 2 MAINT/SUPPLY & STORAGE DEPOT
TRAINING, MEDICAL AND OTHER PERSONNEL (565)							
CALIFORNIA MC RECRUIT DEPOT, SAN DIEGO	SAN DIEGO	1072	213	11002	17130	2	441 3 RECRUIT TRAINING
SOUTH CAROLINA MC RECRUIT DEPOT, FORT FANNIS ISLAND	SAVANNAH, GA	11136	819	11655	16104	1	8080 2 RECRUIT TRAINING
VIRGINIA MC DEV & FU CMD, QUANTICO	FORT MONMOUTH, NEW JERSEY	6492	1423	7615	9781	3	60646 1 OFF PROF TRNG/SKILL 140/R&D CTR

UNCL ASSIFIED

## DEPARTMENT OF DEFENSE

## BASE STRUCTURE STUDY

### List of Abbreviations

(C)	= Contractor Operated
(I)	= Inactive
AAA	= Anti Aircraft Artillery
AAF	= Auxiliary Air Field
ACT	= Activity
AD	= Air Defense
ADMIN	= Administration
AF	= Air Force
AFB	= Air Force Base
APP	= Air Force Plant
AFR	= Air Force Reserve
AFRC	= Armed Forces Reserve Center
AFS	= Air Force Station
AFSC	= Air Force Systems Command
AIRCFT	= Aircraft
ALF	= Auxiliary Land Field
AMMO	= Ammunition
AMPHIB	= Amphibious
ANG	= Air National Guard
ANX	= Annex
ASH	= Anti Submarine Warfare
BN	= Battalion
BOHB	= Bombardment
CDEC	= (Army) Combat Development Experimentation Command
CINCPAC	= Commander in Chief, Pacific
CMO	= Command
COMM	= Communications
CONST	= Construction
CTR	= Center
DEF	= Defense
DET	= Detachment
DEV	= Development
DIA	= Defense Intelligence Agency
DIV	= Division
DLA	= Defense Logistics Agency
DMA	= Defense Mapping Agency
E, PAC	= Eastern Pacific
ED	= Education
FAC	= Facility
FIG	= Fighter Interceptor Group
FLD	= Field
FMF	= Fleet Marine Force
FORSCOM	= (Army) Forces Command
FORTRPS	= Force Troops
GP	= Group
HELO	= Helicopter
HQ	= Headquarters

DEPARTMENT OF DEFENSE

BASE STRUCTURE STUDY

List of Abbreviations

IAP	= International Airport
IND	= Industrial
INST	= Institute
LANT	= Atlantic
MAG	= Marine Air Group
MAINT	= Maintenance
MARBDE	= Marine Brigade
MARDIV	= Marine Division
MAW	= Marine Air Wing
MC	= Marine Corps
MCAGTC	= Marine Corps Air/Ground Training Center
MCAS	= Marine Corps Air Station
MCCES	= Marine Corps Communications and Electronics School
MECH	= Mechanized
MED	= Medical
MIL	= Military
MISC	= Miscellaneous
MSL	= Missile
NARF	= Naval Air Rework Facility
NAS	= Naval Air Station
NAV	= Naval
NAVCAMS	= Naval Communications Area Master Station
NSA	= National Security Agency
NSWC	= Naval Surface Weapons Center
OFF	= Officer
OLF	= Outlying Landing Field
OPER	= Operational
OPNS	= Operations
ORG	= Organization
PAC	= Pacific
PLT	= Plant
PRO	= Program
PROC	= Procurement
PROF	= Professional
PT	= Point
PUB	= Public
R&D	= Research and Development
RAF	= Royal Air Force
RC	= Reserve Component
RDT&E	= Research, Development, Test and Evaluation
RECON	= Reconnaissance
REG	= Regional
RES	= Reservation
SCH	= School
STA	= Station
STRAT	= Strategic
SUB	= Submarine

DEPARTMENT OF DEFENSE  
BASE STRUCTURE STUDY  
List of Abbreviations

SYS	= Systems
T&E	= Test and Evaluation
TAC	= (Air Force) Tactical Air Command
TAG	= Tactical Airlift Group
TAW	= Tactical Airlift Wing
TECH	= Technical
TFG	= Tactical Fighter Group
TNG	= Training
TRADOC	= (Army) Training and Doctrine Command
TRP	= Troop
USMA	= U. S. Military Academy
USMC	= U. S. Marine Corps
WG	= Wing
WKS	= Works
WRG	= Weapons Range